



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590
FEB 07 2014

CERTIFIED MAIL 7009 1680 0000 7677 9814
RETURN RECEIPT REQUESTED

Mr. William E. Murphie
Manager
Portsmouth/Paducah Project Office
U.S. Department of Energy
1017 Majestic Drive, Suite 200
Lexington, Kentucky 40513

REPLY TO THE ATTENTION OF:

Mr. Dennis Carr
Fluor-B&W Portsmouth, LLC
Post Office Box 548
Piketon, Ohio 45661

Re: Notice of Violation
RCRA Compliance Inspection
U.S. DOE Portsmouth Gaseous Diffusion Plant, Piketon, Ohio
OH7 890 008 983

Dear Messrs. Murphie and Carr:

On June 17 and 18, 2013, representatives of the U.S. Environmental Protection Agency and Ohio Environmental Protection Agency (Ohio EPA) inspected the U.S. DOE Portsmouth Gaseous Diffusion Plant (U.S. DOE-Portsmouth) installation located at 3930 US Route 23 South, Piketon, Ohio. The purpose of the inspection was to evaluate compliance with certain requirements of the Resource Conservation and Recovery Act (RCRA); specifically, those regulations related to the generation, treatment and storage of hazardous waste. A copy of the inspection report is enclosed for your reference.

Based upon information provided by U.S. Department of Energy (DOE), Fluor-B&W Portsmouth, LLC (FBP), and Wastren-EnergX Mission Support, LLC (WEMS) personnel, review of records, and physical observations by the inspectors, EPA has determined that DOE and FBP violated certain requirements of the Ohio Administrative Code (OAC) and the United States Code of Federal Regulations (CFR). We find that DOE and FBP were not in compliance with the following requirements:

- 1) A large quantity handler of universal waste must manage lamps in a way that prevents releases of any universal waste or component of a universal waste to the environment. Specifically, a large quantity handler of universal waste must contain any lamp in containers or packages that are structurally sound, adequate to prevent breakage, and compatible with the contents of the lamps. Such containers and packages must remain closed and must lack evidence of leakage, spillage, or damage that could cause leakage under reasonably foreseeable conditions. See, OAC Rule 3745-273-33(D)(1) [40 CFR §

273.33(d)(1)].

During the inspection of Building XT-847 at column G17, the inspectors observed approximately six open containers of used fluorescent lamps. DOE - Portsmouth was in violation of OAC Rule 3745-273-13(D)(1) [40 CFR § 273.13(d)(1)]. On June 17, 2013, FBP provided the inspectors with a photograph of the closed and labeled used fluorescent lamp containers in Building XT-847. Based on this information, DOE and FBP have resolved the violations of OAC Rule 3745-273-33(D)(1) [40 CFR § 273.33(d)(1)].

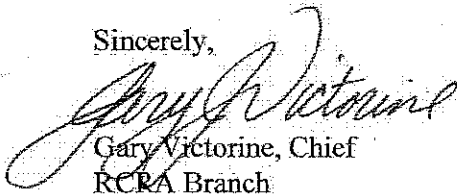
- 2) Except as provided in paragraphs (A)(1) to (A)(4) of OAC Rule 3745-279-20, Rules 3745-279-20 to 3745-279-24 of the OAC apply to all used oil generators. See, OAC Rule 3745-279-20(A). Used oil generators are subject to all applicable spill prevention, control and countermeasures (40 CFR Part 112) in addition to the requirements of Rules 3745-279-20 to 3745-279-24 of the OAC. See, OAC Rule 3745-279-22. Specifically, containers and aboveground tanks used to store used oil at generator facilities shall be labeled or marked clearly with the words "Used Oil." See, OAC Rule 3745-279-22(C) [40 CFR § 279.22].

During the inspection of the WEMS Shops in Building X-700, the inspectors observed one unlabeled container of used oil. DOE - Portsmouth was in violation of OAC Rule 3745-279-22(C) [40 CFR § 279.22]. On June 17, 2013, WEMS provided the inspectors with a photograph of the labeled used oil container in Building XT-700. Based on this information, DOE and FBP have resolved the violations of OAC Rule 3745-279-22(C) [40 CFR § 279.22].

This letter is to inform you that EPA has reviewed the referenced information, and does not plan additional enforcement action at this time. This letter does not limit the applicability of the requirements evaluated, or of other federal or state statutes or regulations. EPA and the Ohio EPA will continue to evaluate DOE and FBP in the future.

If you have any questions regarding this letter, please contact Walt Francis, of my staff, at (312) 353-4921.

Sincerely,



Gary Victorine, Chief
RCRA Branch

Enclosures

cc: Melody Stewart, OEPA - Southeast District Office
(melody.stewart@epa.state.oh.us)
Bruce McCoy, Ohio EPA - Columbus Office
(bruce.mccoy@epa.state.oh.us)

U.S. ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 W. JACKSON BOULEVARD
CHICAGO, ILLINOIS 60604

RCRA COMPLIANCE EVALUATION INSPECTION REPORT

FACILITY NAME: U.S. DOE PORTSMOUTH GASEOUS DIFFUSION PLANT

FACILITY U.S. EPA ID NO.: OH7 890 008 983

FACILITY TYPE: Large Quantity Generator and Container Storage Facility

FACILITY ADDRESS: 3930 US Route 23 South
Piketon, Ohio 45661

U.S. EPA REPRESENTATIVE: Walt Francis

DATE(S) OF INSPECTION: June 17 and 18, 2013

SIC CODE: 2819 - Industrial Inorganic Chemicals, Not Elsewhere Classified

NAICS CODE: 325188 - All Other Basic Inorganic Chemical Manufacturing

PREPARED BY: Walt Francis
Walt Francis
Environmental Scientist

7/16/2013
Date

ACCEPTED BY: Walt Francis
Mirtha Capiro, Acting Chief
Compliance Section 2
RCRA Branch

7/16/2013
Date

Purpose of Inspection

The purpose of this inspection was to conduct a Compliance Evaluation Inspection (CEI) at the U.S. Department of Energy Portsmouth Gaseous Diffusion Plant (Portsmouth), Piketon, Ohio to determine its compliance with the Resource Conservation and Recovery Act (RCRA), the Ohio Administrative Code (OAC), and the RCRA Permit requirements with respect to U.S. DOE's management of hazardous waste, universal waste and used oil.

Participants

U.S. Environmental Protection Agency (U.S. EPA) Inspector -
Walt Francis, Environmental Scientist

Ohio Environmental Protection Agency (Ohio EPA) Inspector -
Melody Stewart, Hazardous Waste Inspector

Representatives of U.S. DOE, Fluor-B&W Portsmouth, LLC (FBP), Wastren-EnergX Mission Support, LLC (WEMS) and Restoration Services (RSI)-

Kristi Wiehle, U.S. DOE

Amy Lawson, U.S. DOE

Rosemary Richmond, RSI

Frank Johnston, FBP

Chris Guilleams, FBP

Robert Lyon, FBP

Robert Anderson, WEMS

Jeremy Davis, RSI

Janie Croswart, RSI

Barb Halcomb, FBP

Mitch Newman, FBP

Site Description/Background Information

Historically, the main function of the Portsmouth facility was to enrich uranium for military use (nuclear submarines) and commercial reactors through a gaseous diffusion process. This involved the separation of U235 from the U238 isotope in uranium hexafluoride (UF6) feedstock which contains 0.711% U235. The Portsmouth facility had produced enriched uranium continuously since September 1954. In 1993, the uranium enrichment facilities at the plant were leased to the United States Enrichment Corporation (USEC). U.S. DOE retained ownership of the ongoing site environmental restoration program as well as the permitted hazardous waste storage facilities.

Numerous other activities associated with the plant's main function also occur on-site and were

leased by USEC. As of March 2012, U.S. DOE and FBP activities included decontamination of equipment and uranium recovery (X-705 Bldg.); chemical cleaning of equipment (X-700); maintenance crafts, including paint, sheet metal, machining, valve, compressor, welding, electrical, motor rewind, metallurgy, instruments and carpentry (X-720); laboratory services (X-710); wastewater treatment (X-6619); water treatment (X-611); chromium removal (X-616); uranium operations, fluorine generation and cylinder handling (X-344); photo and printing lab (X-100); vehicle repair (X-750); coal pile runoff treatment (X-621); and electrical and utilities system.

Hazardous waste and mixed waste which was generated from the gaseous diffusion and associated processes leased by USEC is stored in U.S. DOE owned and permitted storage facilities. Waste generated by U.S. DOE and FBP from the environmental restoration is also stored in these facilities. U.S. DOE also generates non mixed radioactive hazardous waste, universal waste and used oil which is shipped out of Building XT-847. USEC ceased the enrichment process in May 2001, and discontinued on-site operations on October 10, 2011. U.S. DOE and FBP manage hazardous waste, universal waste and used oil generated from on-site maintenance, on-site storage activities, remediation and demolition activities.

Uranium contaminated hazardous wastes (mixed waste) which were generated by USEC and are generated by U.S. DOE and FBP are stored on-site in U.S. DOE-owned and operated hazardous waste container storage facilities for longer than one year. Historically, this was due to the limited number of treatment, storage and disposal (TSD) facilities in the United States which could accept mixed waste, and a May 1991 U.S. DOE moratorium on off-site waste shipment. A large percentage of the waste generated at Portsmouth is U.S. DOE-generated mixed waste from the site-wide cleanup activities. This is also stored in U.S. DOE-owned storage areas. U.S. DOE sends some waste off-site (to U.S. DOE Oakridge) for treatment prior to final disposal. Treatment residuals are returned to U.S. DOE - Portsmouth for storage in the interim prior to their final disposal.

U.S. DOE/FBP generated hazardous wastes are primarily shipped to Energy Solutions, Clive, Utah (UTD982598898), Diversified Scientific Services, Inc. (DSSI)/Permafix, Kingston, Tennessee (TND982109142), EQ Detroit, Detroit, Michigan (MID980991566), and Chemical Waste Management, Emelle, Alabama (ALD000622464). In addition, a wide variety of radioactive and other nonhazardous wastes are generated as a result of the above processes. Babcock & Wilcox Conversion Services is working on a project to recover material from depleted uranium hexafluoride cylinders.

On March 25, 2011 Ohio EPA renewed the RCRA Permit for the Portsmouth facility. The renewed RCRA Permit includes six container storage areas in Building X-326. The renewed RCRA Permit states in Section B.36(m) that U.S. DOE/FBP may store restricted waste beyond one year; however, the Permittee bears the burden of proving that such storage was solely for the purpose of accumulating such quantities of hazardous waste as are necessary to facilitate proper recovery, treatment or disposal [OAC Rule 3745-270-50].

Opening Conference

On June 17, 2013 Walt Francis and Melody Stewart arrived at Building X-1000 at approximately 7:30 a.m. and informed the U.S. DOE, RSI and FBP representatives of the nature, scope, and procedures for the RCRA inspection. The inspection was conducted by U.S. EPA and Ohio EPA personnel as a Federal lead inspection. The facility representatives provided the team with a brief update of the facility since the last inspection, and a list of current hazardous waste satellite accumulation area (SAA) containers, hazardous waste less than 90 day accumulation areas, and universal waste accumulation areas. Ms. Amy Lawson allowed the inspectors access to the facility to conduct the inspection.

Site Tour

The walk-through began in Building X-326. Mr. Robert Lyons introduced Mr. Jack Tully, facility manager. Mr. Tully showed the inspectors the East and West "L-Cage" permitted storage areas. Inspector Francis observed a 55-gallon container labeled "TC Trap Waste, D007" with a 2/25/2013 accumulation date, a polybottle labeled "Gunk, D007/D008, CH00115" with a 3/3/1992 accumulation date, a polybottle labeled D007 with an accumulation date 8/27/2008 numbered GPO15843. The walk-through continued to the West L-Cage. Inspector Francis observed a container labeled "Waste Oil/PCBs" with an accumulation date 1/1/1988 numbered 583987. The walk-through continued to a less than 90 day accumulation area at column B79. Inspector Francis noted that it was empty. The walk-through continued to the RCRA Permitted Area #6. Inspector Francis observed a container labeled "D007, 10/31/7, RFD #07-001414 RFD # 60766. Inspector Francis noted that there were nineteen pallets with four 55-gallon containers per pallet in Area #6. The walk-through continued to Area #3. In Area #3, Inspector Francis observed a container labeled "F001, 1/6/10, Solution X-700, Drum ID # 10-001462, Tank #3". The walk-through continued to Area #5 and then to Area #2. In Area #2, Inspector Francis observed a container labeled "Used Oil and Hazardous Waste D012/D009, 5/25/11, RFD #58714. In addition, Inspector Stewart observed peeling epoxy coating at Column Q74/Q75. The walk-through continued to Area #4. Inspector Stewart observed some staining on the floor at Column Q68. The walk-through continued to a universal waste accumulation area in the control room. Inspector Francis observed a 1 gallon container utilized for used bulbs from the control room. The inspection continued to an area outside of the control room. The inspectors observed an SAA area for laboratory waste. The inspection continued to a less than 90 day accumulation area at Column T-80. The inspectors did not observe any waste in this area. The inspection continued to a less than 90 day hazardous waste accumulation area at Column C-49. Inspector Francis observed a container of waste acetone/water dated 5/30/13, and a container labeled "HNO3, 5/30/13". The inspection continued to a Universal Waste Accumulation Area. Inspector Francis noted approximately 12 boxes of used fluorescent lamps with accumulation dates ranging from 5/29/2013 to 6/7/2013.

The inspection continued to Building X-330. Ms. Glenn showed the inspectors a hazardous waste

less than 90 day accumulation area at Column L-49. The inspectors did not observe any waste containers in this area. The walk-through continued to the Electrical Maintenance Shop at Column G-43. Ms. Glenn pointed out a SAA container utilized for accumulating broken fluorescent lamps. The inspection continued to a universal waste accumulation area. Inspector Francis observed fourteen boxes of used lamps with dates of accumulation from 12/4/12 to 6/5/13. The inspection continued to another universal waste accumulation area. Inspector Francis observed several containers of universal waste with accumulation dates of 2/14/13 and 8/30/12. The walk-through continued to a universal waste accumulation container in ACR#3. The walk-through continued to Building X-720. In Building X-720, Mr. Lyons introduced Ms. Beverly Kelley to the inspectors. Ms. Kelley showed the inspectors a universal waste accumulation area. Inspector Francis observed several containers of used lamps, used batteries, a less than 90 day accumulation container of used aerosol cans dated 6/12/13, and a 5-gallon SAA container labeled "Waste Oil with MEK and Toluene" and a SAA container labeled "Rags and Gloves with PPE". The walk-through continued to another Universal Waste accumulation area. Inspector Francis observed a container of used nickel cadmium batteries. The walk-through continued to the Radio Shop. Ms. Kelley showed the inspectors a 5-gallon SAA container utilized for small waste sensors. Ms. Kelley also showed the inspectors a SAA polybottle in this area. The walk-through continued to Columns G15 and F15. Inspector Francis observed two 55-gallon containers labeled "102 S" and "44-15 8640". Ms. Kelley told the inspectors that the containers were usable product not a waste. The walk-through continued to the Air Power Shop. Ms. Kelley showed the inspectors a 5-gallon SAA container utilized for used oxygen sensors. The walk-through continued to another universal waste staging area. Inspector Francis observed seventeen four foot boxes of used fluorescent lamps. Accumulation dates included "5/3/2013", "1/13/2013" and "6/11/2013". Also, in this area at Column J-7 Inspector Stewart observed a 55-gallon container labeled "Mixed With Ethylene Glycol 12/17/2012". Ms. Kelley told the inspectors that this was a product used by the HVAC Department. The walk-through continued to the Paint Shop. The inspectors did not observe any hazardous waste containers in the Paint Shop. The walk-through continued to Building X-720C. Ms. Kelley showed the inspectors a 55-gallon SAA container labeled "Paint Rags 6/11/2013" and four 55-gallon containers labeled "Used Oil". Inspector Stewart observed several stained areas on the floor in Building X-720C, a rusty 1 quart container and a "Lubriplate" container. The walk-through continued to Building X-750A. Ms. Kelley showed the inspectors a hazardous waste less than 90 day container for used aerosol cans. Inspector Francis noted that the container was dated 6/11/2013. The walk-through continued outside where Ms. Kelley showed the inspectors a 55-gallon SAA container used for waste fuel. Ms. Kelley also showed the inspectors a container used to accumulate universal waste bulbs, a 55-gallon container of used oil, and several used lead acid batteries. Outside of Building X-750A, Inspector Stewart observed three golf carts and a floor polishing vehicle with lead acid batteries. The walk-through continued to Building X-104. Ms. Kelley showed the inspectors a SAA container used for rags and patches for cleaning weapons. The walk-through continued to Building X-300. Ms. Kelley showed the inspectors a 5-gallon container used for universal waste used bulbs. The walk-through continued to Building X-710. Mr. Brian Pyles showed the inspectors a hazardous waste less than 90 day accumulation area for polybottles in Room 144. The walk-through continued to Room 142. Mr. Pyles showed the inspectors a 5-

gallon SAA container. The walk-through continued to the loading dock. Mr. Pyles showed the inspectors a universal waste accumulation area. Inspector Francis observed that the area was empty. The walk-through continued to a less than 90 day area near the loading dock. Inspector Francis observed nine 5-gallon hazardous waste containers. The walk-through continued to Rooms 111, 120, 135, 152, 154, 158, 285, 281, 238, 254, 258, 260, 262, 263, 245, 266, 213, 212, 224, 223, 203, 216, 331, 230 and 101. In Room 101, Mr. Pyles showed the inspectors three polybottles of used oil. The walk-through continued to Building X-7721. Mr. Fosson showed the inspectors Room 89 which contained used batteries. The walk-through continued to Column C9. Mr. Fosson showed the inspectors a SAA container utilized for used Buckeye Shopmaster Parts Cleaner blast media and a 55-gallon container of used oil. The walk-through continued to Column F-8. Mr. Fosson showed the inspectors a universal waste accumulation area. Inspector Francis noted accumulation dates of "11/1/2012", "11/16/2012", and "3/17/2013". The walk-through continued to Column F-3. Mr. Fosson showed the inspectors a universal waste accumulation area for lead acid batteries and used lamps. The walk-through continued to the Fire Station Building X-1007. Mr. Lyons showed the inspectors a 5-gallon container for the accumulation of used light bulbs. The walk-through continued to Building XT-847. Ms. Mabel Tanner, XT-847 Facility Manager showed the inspectors hazardous waste areas at Columns C-2 and L-2 and N-2. The walk-through continued to a universal waste accumulation area. Inspector Francis observed 8-pallets of used fluorescent lamps. The walk-through continued to Column B-9. The inspectors observed another area for accumulation of universal waste lamps. At Column D18, Inspector Francis observed a SAA container utilized for accumulating broken bulbs. The walk-through continued to Column G13. Ms. Kelley showed the inspectors an area where electronic waste is accumulated. The inspectors returned to the Building XT-847 conference room to review weekly inspection logs for Buildings XT-847, X-326, X-330, X-700, X-705, X-710, X-720, X-720 Paint Shop, X-750, X-752, X-623, and X-747H.

On Tuesday June 18, 2013 at approximately 7:30 a.m. the inspectors continued the inspection at Building X-705. After a brief safety orientation and donning personal protective equipment, Mr. Marvin Ross took the inspectors through Building X-705. Mr. Ross showed the inspectors a universal waste accumulation area, a hazardous waste less than 90 day accumulation area, a heavy metal sludge container, and two SAA containers on the second floor. The inspection continued to Building X-700. Mr. Ross showed the inspectors a less than 90 day accumulation area. Also, in Building X-700, Mr. Robert Anderson showed the inspectors a universal waste area, several SAA containers and a used oil accumulation container. The walk-through continued to Building X-344A. Mr. Ross showed the inspectors a SAA container and an electronic scrap collection area at Column S-14. The walk-through continued to Building X-342. Mr. Ross showed the inspectors a SAA container at the HF Vaporizer Room at Column E-17. The walk-through continued to a used oil container and a universal waste accumulation area in Building X-342. The walk-through continued to Building X-627. Mr. Greg Thompson showed the inspectors a 55-gallon SAA container. The walk-through continued to Building X-623. Mr. Thompson showed the inspectors a 55-gallon SAA container and a less than 90 day accumulation area. Inspector Francis did not observe any waste in the less than 90 day area. The walk-through continued to Building X-624. Mr. Thompson showed the inspectors a 55-gallon SAA container.

The walk-through continued to Building X-622. Mr. Thompson showed the inspectors a 55-gallon SAA container utilized for bag filters, PPE and plastic. The walk-through continued to Building X-747H shipping pad. The inspectors did not observe any waste staged on the shipping pad. The walk-through continued to Building X-752. Mr. Mitch Newman showed the inspectors a less than 90-day accumulation area in Bay R and an SAA container in Bay Q. The walk-through continued to Warehouse 9. The inspectors toured Warehouse 9 with Mr. Kevin Cauley. The walk-through continued to a construction area, formerly X-10 site. The inspectors observed used aerosol cans, xylene and acetone waste, and a roll-off box.

The inspection team went to Building X-157A to review records.

Records Review

A record review was conducted. The inspection team requested to review hazardous waste manifests, universal waste and used oil shipping records, personnel training information, weekly inspection logs, waste profiles for hazardous waste in storage, and the latest version of the contingency plan. The inspectors reviewed hazardous waste manifests since the date of the last inspection, two years of personnel training records, waste profiles, and weekly inspection logs. The inspectors reviewed off-site hazardous waste manifests. Hazardous waste was being shipped to Energy Solutions, Clive Utah (UTD982598898), DSSI/Permafix, Kingston, Tennessee (TND982109142), EQ Detroit, Detroit, Michigan (MID980 991 566), Chemical Waste Management, Emelle, Alabama (ALD000622464). The last off-site shipment was dated 6/15/2013. Universal Waste was being shipped to USA Lamp and Ballast Recycling, Cincinnati, Ohio, and the date of the last off-site shipment was 5/15/2013. Used oil was picked up by Glockner Oil, Piketon, Ohio. The inspectors reviewed a Contingency Plan that was last updated 10/5/2011.

Closing Conference

The inspectors conducted a closing conference. Inspector Francis explained that he would review his notes from the inspection, and generate an inspection report. U.S. DOE and FBP would then receive a letter from U.S. EPA regarding the inspection including a copy of the inspection report, and completed inspection checklists. In addition, Inspector Francis discussed three golf carts with lead acid batteries outside of Building X-750A, peeling floor paint in Building X-326, Area 2, universal waste used fluorescent lamps boxes in Building XT-847, and used oil container labeling in Building X-700.

Attachments

Inspection Checklists.

**OHIO PART B PERMITTED FACILITY
RCRA INSPECTION CHECKLIST**

Facility: Portsmouth Gaseous Diffusion Plant Ohio Permit #: 04-66-0680

Co-operator: Fluor-B&W Portsmouth, LLC

Address: 3930 U.S. Route 23 South USEPA ID#: OH7890008983
Pike, OH 45661 Facility Phone: 740-897-5010

County: Pike Time: 7:45 am

Inspection Date: 6/17/2013 and 6/18/2013

Advance notice of inspection given? (Yes) X (No)
If so, how far in advance?

	<u>Name</u>	<u>Agency/Title</u>	<u>Phone</u>
Inspector(s):	Walt Francis Melody Stewart	U.S. EPA Ohio EPA	312-353-4921 740-380-5256
Facility Representative(s):	Kristi Wiehle Chris Williams	U.S. DOE Fluor-B&W Portsmouth, LLC	740-897-5020 740-897-3863

Is facility operating as a generator? Yes X No

If so, complete the applicable sections of the Generator Requirements checklist for wastes being managed under generator status.

PERMIT STATUS

Permit Issued: March 25, 2011
Permit Effective Date: March 25, 2011
Permit Expiration Date: March 25, 2021

STORAGE		TREATMENT		DISPOSAL	
X	Container		Tank		Injection Well
	Tank		Surface Impoundment		Landfill
	Waste Pile		Incinerator		Land Application
	Surface Impoundment		Thermal Treatment		Surface Impoundment

**STATE PART B HAZARDOUS WASTE PERMIT
INSPECTION CHECKLIST**

**DIVISION OF HAZARDOUS WASTE MANAGEMENT
OHIO EPA
April 2012**

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04-66-0680

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PROCESS DESCRIPTION

Historically, the main function of the DOE-PORTS facility was to enrich uranium for military use (nuclear submarines) and commercial reactors through a gaseous diffusion process. This involved the separation of U235 from the U238 isotope in UF6 feedstock which contains 0.711% U235. In 1993, DOE began leasing the uranium enrichment production and operations facilities at PORTS to the United States Enrichment Corporation (USEC). Uranium was enriched at the site by USEC until May 2001, at which time the production facilities were placed into a cold standby mode. During cold standby, the process buildings were maintained with a restart capability. DOE terminated the cold standby program in September 2005 and replaced it with a cold shutdown program, which no longer maintains the gaseous diffusion restart capability. The PORTS site is owned by DOE and the uranium enrichment facilities are in the process of being transitioned back to DOE from USEC. Ongoing activities at the facility include decontamination and decommissioning of facility buildings, ongoing site environmental restoration, and maintenance of the permitted hazardous waste storage area.

WASTE MANAGEMENT, GENERATION AND AMOUNT

Uranium contaminated hazardous wastes (mixed waste) which were generated by USEC and DOE are stored on-site in DOE-owned and operated hazardous waste container storage facilities for longer than one year. Historically, this was due to the limited number of TSDs in the U.S. which could accept mixed waste, and a May 1991 DOE moratorium on off-site waste shipment. A large percentage of the waste generated at PORTS is DOE-generated mixed waste from the site-wide cleanup activities. This is also stored in DOE-owned storage areas. During the past year, numerous shipments of hazardous waste were manifested off-site by both DOE and USEC. This is due to an increase in treatment capacity at off-site commercial treatment facilities and DOE treatment facilities, the lifting of the moratorium, and the execution of the site treatment plans for DOE and USEC. DOE has in the past sent some waste off-site (to USDOE Oakridge) for treatment (incineration) prior to final disposal. Treatment residuals had been returned to DOE for storage in the interim prior to their final disposal.

Hazardous

The DOE Part B permit lists numerous hazardous waste codes for wastes that are generated by the above processes and the environmental restoration. These are stored in drums ranging in size from 30 to 110 gallon capacity, 5 gallon containers, 20 gallon lab packs, 5' cans, 4'x4'x6' boxes, 4'x4'x8' boxes, polybottles and laboratory bottles.

Nonhazardous

A wide variety of radioactive and other nonhazardous wastes are generated as a result of the above processes.

HAZARDOUS WASTE MANAGEMENT UNITS

The following DOE-owned permitted storage facilities were inspected during the CEI:

In addition, DOE-owned and operated HWMUs and SAAs were inspected in the following buildings:

REGULATORY/ENFORCEMENT HISTORY

As a result of violations of state and federal hazardous waste regulations found during the 1987, 1988, and 1989 OEPA RCRA inspections, USDOE and OEPA entered into a Consent Decree governing restoration of the environment at DOE-PORTS.

On October 4, 1995, DFFOs were signed which allowed DOE to store LDR wastes in excess of one year, so long as waste is being stored in compliance with the orders and an approved site treatment plan. These orders supercede the May 18, 1993, DFFOs.

On February 24, 1998, DOE, LMES and Ohio signed DFFOs and a Consent Order regarding past violations and the management of DUF6 and LiOH. This order was amended on March 12, 2004, June 23, 2005, February 22, 2008 and March 28, 2011. The latest amendment added Fluor-B&W Portsmouth, LLC and Babcock & Wilcox Conversion Services, LLC to the order.

On March 18, 1999, DOE and Ohio EPA signed DFFOs. These DFFOs provide exemptions to DOE and integrate the following unclosed units into the CMS/CMI process: X-749, X-231B, X-701C, X701B, X-230J7, and X-744Y.

A Part B permit was issued to DOE and its current co-operator, Bechtel Jacobs, for the X-7725 and X-326 storage facilities on March 25, 2011.

On April 13, 2010, DOE signed the Director's Final Findings and Orders for Removal Action and Remedial Investigation and Feasibility Study and Remedial Design and Remedial Action (DFF&O). The DFF&O outline the process for decontamination and decommissioning of the facility buildings.

GENERAL CONDITIONS OF PERMIT

GENERAL PERMIT COMPLIANCE AND ACTIVITIES

1. Has the expiration date of the permit passed? If so: Yes___ No ☒ N/A ___ RMK#___
- a. Is the permittee continuing any activity regulated by the permit after the expiration date of the permit? Yes___ No ☒ N/A ___ RMK#___
- b. Has the facility submitted an application for a permit renewal to the director no later than 180 days prior to the expiration date of the permit? (Or upon a later date if the permittee can demonstrate good cause for late submittal.) [Condition A.6.(a)] Yes___ No___ N/A ☒ RMK#___
- NOTE:** *The permittee may continue to operate in accordance with the terms and conditions of the expired permit until a renewal permit is issued or denied if:*
- A. The permittee has submitted a timely and complete application for a renewal permit under OAC rule 3745-50-40; and
- B. Through no fault of the permittee, a new permit has not been issued pursuant to OAC rule 3745-50-40 on or before the expiration date of the permit. [Condition A.6.(b)]
2. Has the permittee submitted the annual permit fee, payable to Treasurer, State of Ohio, to Ohio EPA on or before the anniversary of the date of issuance during the term of the permit? [Condition A.26] Yes ☒ No___ N/A ___ RMK#___
3. Is the permittee conducting any hazardous waste management activities (not otherwise exempt by law) which are not authorized by the permit? [Condition A.1.(b) and A.5] Yes___ No ☒ N/A ___ RMK#___
4. Have any provisions of the permit been identified as invalid? [Condition A.4.] Yes___ No ☒ N/A ___ RMK#___
5. Has the facility identified any instances of noncompliance with the permit, RC Chapter 3734, or the rules adopted thereunder, which may endanger human health or the environment? If so: Yes___ No ☒ N/A ___ RMK#___

- a. Did the facility immediately report orally the following to Ohio EPA's Emergency Response Section within 24 hours of becoming aware of the circumstance(s): [Condition A.20.(a)]

- i. Information concerning a release of any hazardous waste that may cause an endangerment to public drinking water supplies; and

Yes ___ No ___ N/A ☒ RMK# ___

- ii. Information concerning a release of hazardous waste, fire or explosion at the facility which could threaten human health or the environment outside the facility, including a description of:

- A. Name, address and telephone number of the owner or operator?

Yes ___ No ___ N/A ☒ RMK# ___

- B. Name, address and telephone number of the facility?

Yes ___ No ___ N/A ☒ RMK# ___

- C. Name and quantity of material(s) involved?

Yes ___ No ___ N/A ☒ RMK# ___

- D. The extent of injuries, if any?

Yes ___ No ___ N/A ☒ RMK# ___

- E. An assessment of the actual or potential hazard to the environment and human health outside the facility where this is applicable?

Yes ___ No ___ N/A ☒ RMK# ___

- F. Estimated quantity and disposition of recovered material that resulted from the incident?

Yes ___ No ___ N/A ☒ RMK# ___

6. Did the permittee provide a written report to Ohio EPA's Emergency Response Section and DHWM, SEDO within five days of the time the permittee became aware of the circumstances reported in Question 5? [Condition A.21.] If so did the report contain:

Yes ___ No ___ N/A ☒ RMK# ___

- a. A description of the noncompliance and its cause (including exact dates and times)?

Yes ___ No ___ N/A ☒ RMK# ___

- b. Whether the noncompliance has been corrected and if not, the anticipated time noncompliance is expected to continue?

Yes ___ No ___ N/A ☒ RMK# ___

- c. Steps taken or planned to minimize the impact on human health and the environment and to reduce and prevent recurrence of the noncompliance?

Yes___No___N/A ☒ RMK#___

Note: The permittee need not comply with the five day written report requirement if the director, upon good cause shown by the permittee, waives that requirement and the permittee submits a written report within 15 days of the time the permittee becomes aware of the circumstances. [Condition A.21.(c)]

7. Has the permittee expeditiously taken all steps necessary to minimize or correct any adverse impact on the environment or public health resulting from noncompliance with the permit? [Condition A.8]

Yes ☒ No___N/A___RMK#___

8. Has the permittee identified any other instances of noncompliance not provided for in Question 5?

Yes___No ☒ N/A___RMK#___

- a. If so, did the permittee report to the director within a month of the time at which the permittee is aware of such noncompliance? [Condition A.22.]

Yes___No___N/A___RMK#___

- b. Do the reports provided contain the information set forth in Condition A.20?

Yes___No___N/A___RMK#___

9. Has the permittee planned any physical alterations or additions to the permitted facility?

Yes___No___N/A___RMK#___

- a. If so, has the facility provided Ohio EPA with notice of such changes? [Condition A.15]

Yes___No ☒ N/A___RMK#___

Note: Such notification does not waive the permittee's duty to comply with the permit pursuant to Condition A.5.

REMARKS

PERMIT MODIFICATION, REVISION, REVOCATION

1. Has the permittee filed a request for a permit modification, revision or revocation since issuance of the permit? [Condition A.2.] *Contrary to changes.* Yes ☒ No ___ N/A ___ RMK# ___
2. Has the permit been transferred to a new owner or operator? [Condition A.18.] If so, Yes ___ No ☒ N/A ___ RMK# ___
- a. Has the transfer been conducted in accordance with R.C. Chapter 3734. and the rules adopted thereunder? [Condition A.18.]; and Yes ___ No ___ N/A ☒ RMK# ___
- b. Before transferring ownership did the permittee notify the new owner in writing of the requirements of R.C. Chapter 3734. and the rules adopted thereunder and the applicable Ohio hazardous waste rules? [Condition A.18.] Yes ___ No ___ N/A ☒ RMK# ___
3. Has the permittee submitted reports of compliance or noncompliance with, or any progress reports on the requirements contained in any compliance schedule of the permit to Ohio EPA no later than 14 days following each scheduled date, unless otherwise specified? [Condition A.19.] Yes ☒ No ___ N/A ___ RMK# ___
4. Has the permittee furnished relevant information which Ohio EPA has requested to determine whether cause exists for modifying, revising, revoking or suspending the permit, or to determine compliance with the permit? [Condition A.10] Yes ☒ No ___ N/A ___ RMK# ___
5. Has the facility furnished Ohio EPA, upon request, with copies of records required to be kept by the permit? [Condition A.10] Yes ☒ No ___ N/A ___ RMK# ___
6. Has the permittee become aware that it failed to submit any relevant facts in the permit or issuance proceedings or that it submitted incorrect or incomplete information in permit issuance proceedings or other submissions to Ohio EPA or the HWFB? If so, Yes ___ No ☒ N/A ___ RMK# ___

- a. Has the permittee promptly submitted such facts or corrected information to the appropriate entity?
[Condition A.24.]

Yes___No___ N/A ☒ RMK#___

7. Is the permittee maintaining records of all data used to complete the approved application and any amendments, supplements, revisions or modifications to the application?
[Condition A.14.(c)]

Yes ☒ No___ N/A___ RMK#___

8. Is the permittee retaining a complete copy of the approved application on-site? [Condition A.14.(c)]

Yes ☒ No___ N/A___ RMK#___

REMARKS

SITE ENTRY - AVAILABILITY OF RECORDS

1. As specified in Condition A.11., has the permittee allowed the director or an authorized representative, upon proper identification and upon stating the purpose and necessity of an inspection, to:
- a. Enter at reasonable times upon the premises where a regulated activity is located or where records are kept under the conditions of the permit? Yes ☒ No ☐ N/A ☐ RMK# ☐
 - b. Have access to and copy any records required to be kept under the conditions of the permit? Yes ☒ No ☐ N/A ☐ RMK# ☐
 - c. Inspect at reasonable times facilities, equipment (including control and monitoring equipment), practices or other operations regulated under the conditions of the permit? Yes ☒ No ☐ N/A ☐ RMK# ☐
 - d. Sample, document, or monitor any substance or parameter at any location of the facility to assure compliance with the permit or as otherwise authorized by R.C. Chapter 3734. and the rules adopted thereunder? Yes ☒ No ☐ N/A ☐ RMK# ☐

RECORDKEEPING REQUIREMENTS

CONFIDENTIALITY

1. Has the permittee requested confidentiality of any information of the permit in accordance with R.C. Chapter 3734 and the rules adopted thereunder? [Condition A.25.] Yes ☐ No ☒ N/A ☐ RMK# ☐

OPERATING RECORD

2. Is the permittee maintaining a written operating record at the facility as set forth in OAC rule 3745-54-73 and Condition B.22. of the permit which contains the following elements:

- a. A description and the quantity of each hazardous waste received? Yes ☒ No ___ N/A ___ RMK# ___
- b. Method(s) and date(s) of treatment, storage or disposal at the facility? Yes ☒ No ___ N/A ___ RMK# ___
- c. The location of each hazardous waste within the facility and the quantity at each location? Yes ☒ No ___ N/A ___ RMK# ___
3. Is the permittee maintaining, until closure is complete and certified, the following documents and amendments, revisions and modifications to these documents as part of its operating record: [Condition A.28.]
- a. Waste analysis plan in accordance with OAC rule 3745-54-13 and the conditions of the permit? Yes ☒ No ___ N/A ___ RMK# ___
- b. Contingency plan in accordance with OAC rule 3745-54-53 and the conditions of the permit? Yes ☒ No ___ N/A ___ RMK# ___
- c. Closure plan in accordance with OAC rule 3745-55-12 and the conditions of the permit? Yes ☒ No ___ N/A ___ RMK# ___
- d. Personnel training plan and records required by OAC rule 3745-54-16 and the conditions of the permit? Yes ☒ No ___ N/A ___ RMK# ___
- e. Inspection schedules developed in accordance with OAC rules 3745-54-15 and 3745-55-74 and the conditions of the permit? Yes ☒ No ___ N/A ___ RMK# ___
4. Have any of the documents identified in Question #3 been revised as required by the permit? If so, Yes ___ No ☒ N/A ___ RMK# ___
- a. Has the permittee submitted the revisions to Ohio EPA? [Condition A.28.(b)] Yes ___ No ___ N/A ☒ RMK# ___
- b. Has the permittee received approval in accordance with Ohio hazardous waste rules to make such changes? [Condition A.28.(b)] Yes ___ No ___ N/A ☒ RMK# ___
5. Is the permittee maintaining copies of all inspection logs at the facility for a period of at least three years from the date of inspection? [Condition A.28.(c)] Yes ☒ No ___ N/A ___ RMK# ___

ANNUAL REPORT REQUIREMENT

6. Is the permittee complying with annual report requirements set forth in OAC rule 3745-54-75 and the additional report requirements set forth in OAC rule 3745-54-77 and the conditions of the permit? [Condition B.25.]

Yes ☒ No ☐ N/A ☐ RMK# ☐

SAMPLING/MONITORING RECORDKEEPING REQUIREMENTS

7. In compliance with Condition A.12.(b) of the permit, do the permittee's records of monitoring information specify the:

a. Date(s), exact place(s), time(s) and method(s) of sampling or measurement?

Yes ☒ No ☐ N/A ☐ RMK# ☐

b. Individual(s) who performed the sampling or measurement?

Yes ☒ No ☐ N/A ☐ RMK# ☐

c. Date(s) analyses were performed?

Yes ☒ No ☐ N/A ☐ RMK# ☐

d. Individual(s) who performed the analyses?

Yes ☒ No ☐ N/A ☐ RMK# ☐

e. Analytical technique(s) or method(s) used?

Yes ☒ No ☐ N/A ☐ RMK# ☐

f. Results of such analyses?

Yes ☒ No ☐ N/A ☐ RMK# ☐

8. Have the methods used to obtain a representative sample of the waste to be analyzed included the appropriate SW-846 Method or an equivalent method specified in the approved waste analysis plan? [Condition A.12.(a)]

Yes ☒ No ☐ N/A ☐ RMK# ☐

9. Has Ohio EPA requested submittal of any reports or other information required by the conditions of the permit from the permittee? If so,

Yes ☒ No ☐ N/A ☐ RMK# ☐

a. Have the submittals been signed and certified according to OAC rules 3745-50-58(K) and 3745-50-42? [Condition A.13.]

Yes ☒ No ☐ N/A ☐ RMK# ☐

WASTE MINIMIZATION REQUIREMENTS

10. Has the permittee submitted a Waste Minimization Report to Ohio EPA meeting the requirements of Condition A.29. of the permit within 180 days of permit journalization?

Yes ☒ No ☐ N/A ☐ RMK# ☐

a. Following the first submittal as identified above in Question #10, has the permittee submitted biennial updates to this report as required by Condition A.29.(c)?

Yes ☒ No ☐ N/A ☐ RMK# ☐

REMARKS

OFF-SITE SHIPMENTS/MANIFEST REQUIREMENTS

1. Is all hazardous and mixed waste transported from the facility by a properly registered transporter of hazardous and mixed waste in accordance with all applicable laws, rules and standards? [Condition A.16.]

Yes ☒ No ___ N/A ___ RMK# ___

MANIFEST REQUIREMENTS/WASTES RECEIVED ON-SITE

2. Upon receipt of the manifests, has the permittee signed and dated each copy of the manifest? [OAC 3745-54-71(A)(1); Condition B.24.]

Yes ☒ No ___ N/A ___ RMK# ___

3. For any significant discrepancies identified upon receipt of the manifest(s): did the permittee note such discrepancies on the manifest(s) in accordance with OAC rule 3745-54-71(A)(2) and Condition B.24?

Yes ___ No ___ N/A ☒ RMK# ___

- a. Did the permittee attempt to reconcile the discrepancy? [Condition B.24.]

Yes ___ No ___ N/A ☒ RMK# ___

- b. If the discrepancy was not resolved within 15 days: did the permittee submit a report, including a copy of the manifest, to the director in accordance with OAC rule 3745-54-72(B)? [Condition B.24.]

Yes ___ No ___ N/A ☒ RMK# ___

4. Does the permittee immediately give the transporter at least one copy of the signed manifest? [OAC 3745-54-71(A)(3); Condition B.24.]

Yes ☒ No ___ N/A ___ RMK# ___

5. Does the permittee provide the generator with a copy of the manifest within 30 days of receipt of waste on-site? [OAC 3745-54-71(A)(4); Condition B.24.]

Yes ☒ No ___ N/A ___ RMK# ___

6. Does the permittee retain a copy of each manifest on-site for at least three years from the date of delivery? [OAC 3745-54-71(A)(5); Condition B.24.]

Yes ☒ No ___ N/A ___ RMK# ___

7. Has the permittee received any hazardous waste or mixed waste from off-site, other than as described in Condition B.2(b)?

Yes ___ No ☒ N/A ___ RMK# ___

WASTE ANALYSIS/WASTE ANALYSIS PLAN

GENERAL REQUIREMENTS

1. Does the permittee have a detailed chemical and physical analysis of waste streams which contains all information which is necessary to properly treat, store or dispose of the waste in accordance with OAC Chapters 3745-54 to 3745-57 and Condition B.3 of the permit (Section C of the approved permit application)? [OAC 3745-54-13(A)(1)]
Yes ☒ No ☐ N/A ☐ RMK# ☐
2. Since the last inspection, were any wastes generated by the facility which were unable to be characterized through process knowledge? If so,
 - a. Were the waste analysis procedures described in Section C of the approved permit application followed?
Yes ☐ No ☐ N/A ☒ RMK# ☐
3. Is the permittee following the procedures described in the approved waste analysis plan (Section C of approved permit application) and the requirements of OAC rule 3745-54-13? [Condition B.3.]
Yes ☒ No ☐ N/A ☐ RMK# ☐
4. Is the permittee maintaining waste analysis data in the facility's operating record as required by OAC rule 3745-54-73 and Condition B.22. of the permit?
Yes ☒ No ☐ N/A ☐ RMK# ☐

WASTE ANALYSIS QUALITY ASSURANCE REQUIREMENTS

5. Is the permittee verifying the analysis of each waste stream annually as part of its quality assurance program in accordance with SW-846? [Condition B.3.]
Yes ☒ No ☐ N/A ☐ RMK# ☐
6. In accordance with Condition B.3. of the permit, does the permittee's quality assurance plan ensure that the permittee is, at a minimum:
 - a. Maintaining property functional instruments?
Yes ☒ No ☐ N/A ☐ RMK# ☐
 - b. Using approved sampling/analytical methods?
Yes ☒ No ☐ N/A ☐ RMK# ☐

c. Verifying the validity of sampling and analytical procedures and performance of correct calculations?

Yes ☒ No ☐ N/A ☐ RMK# ☐

7. If the permittee uses a contract laboratory to perform analyses, did the permittee inform the laboratory in writing that it must operate under the waste analysis conditions set forth in this permit? - *on-site lab*

Yes ☒ No ☐ N/A ☐ RMK# ☐

REMARKS

GENERAL INSPECTION REQUIREMENTS

1. Is the permittee following the inspection procedures and schedules described in Section F of the approved permit application and the requirements of OAC rule 3745-54-15? [Condition B.5.] Yes ☒ No ___ N/A ___ RMK# ___
2. Does the permittee inspect the facility with such regularity as to identify problems resulting from deterioration, malfunctions, operator errors or discharges which may lead to a release of hazardous waste to the environment or a threat to human health? [OAC 3745-54-15(A)(1)(2)] Yes ☒ No ___ N/A ___ RMK# ___
3. Is the permittee following the approved inspection schedule for inspecting: monitoring equipment, safety equipment, emergency equipment, security devices and operating and structural equipment as specified in OAC rule 3745-54-15?
- a. Is the schedule kept at the facility? [OAC 3745-54-15(B)(2)] Yes ☒ No ___ N/A ___ RMK# ___
- b. Does the schedule identify the types of problems which are to be looked for during the inspection? [OAC 3745-54-15(B)(3)] Yes ☒ No ___ N/A ___ RMK# ___
- c. Does the schedule include inspection of areas subject to spills daily when in use and according to other applicable regulations when not in use? [OAC 3745-54-15(B)(4)] Yes ☒ No ___ N/A ___ RMK# ___
4. Does the permittee remedy deterioration or any malfunctions discovered by an inspection as required by OAC rule 3745-54-15(C)? [Condition B.5.] Yes ☒ No ___ N/A ___ RMK# ___
5. Is the permittee maintaining records of inspections for a minimum of three years? [Condition B.5.] Yes ☒ No ___ N/A ___ RMK# ___
6. In accordance with OAC rule 3745-54-15(D) and Condition B.5. of the permit, do inspection records contain the following information:
- a. Date and time of inspection? Yes ☒ No ___ N/A ___ RMK# ___

- b. Signature of inspector? Yes ☒ No ___ N/A ___ RMK# ___
- c. Notation of observations made? Yes ☒ No ___ N/A ___ RMK# ___
- d. Date/nature of any repairs or other remedial actions? Yes ☒ No ___ N/A ___ RMK# ___

SECURITY PROVISIONS/FACILITY OPERATION

1. Is the permittee complying with the security provisions of OAC rule 3745-54-14(B)(1) and B(2) and (C) and Section F of the approved permit application, including the following: [Condition B.4.]
 - a. Does the permittee have a 24-hour surveillance system which continuously monitors and controls entry onto the active portion of the facility; Yes ☒ No ___ N/A ___ RMK# ___
 - b. An artificial or natural barrier (in good repair) which completely surrounds the active portion of the facility; or Yes ☒ No ___ N/A ___ RMK# ___
 - c. A means to control entry, at all times, through gates or other entrances, to the active portion of the facility? Yes ☒ No ___ N/A ___ RMK# ___
2. In accordance with OAC rule 3445-54-14(C), does the permittee have signs reading "Danger-Unauthorized Personnel Keep Out" posted at each entrance and at other locations and in sufficient numbers to be seen when approaching the active portion of the facility? [Condition B.4.] Yes ☒ No ___ N/A ___ RMK# ___
3. Is construction, maintenance and operation of the facility being conducted to minimize the possibility of a fire, explosion, or unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, ground or surface waters? [Condition B.1.] Yes ☒ No ___ N/A ___ RMK# ___

PERSONNEL TRAINING

1. Is the facility conducting personnel training in accordance with Section H of the approved permit application and the following requirements of OAC rule 3745-54-16: [Condition B.6.]
- a. The facility provides personnel training which includes instruction in safe equipment operation and emergency procedures and implementation of the contingency plan? [OAC 3745-54-16(A)(B)(C)] Yes ☒ No ___ N/A ___ RMK# ___
- b. The facility provides personnel training to new employees within six months after their date of employment as required by OAC 3745-54-16(B)? Yes ☒ No ___ N/A ___ RMK# ___
- c. The facility provides an annual refresher training course as required by OAC rule 3745-54-16(B)? Yes ☒ No ___ N/A ___ RMK# ___
2. Is the permittee maintaining personnel training records as required by OAC rule 3745-54-16(D) and of the approved application, including: written job titles, job descriptions and documented employee training records? [Condition B.6.] Yes ☒ No ___ N/A ___ RMK# ___

REQUIRED EQUIPMENT

1. Is the permittee, at a minimum, maintaining the equipment set forth in the approved permit application (Section G) at the facility? [Condition B.9.] Yes ☒ No ___ N/A ___ RMK# ___
2. Is the permittee inspecting, testing, and maintaining the equipment specified in Question #1 to assure its proper operation as specified in OAC rule 3745-54-33, the inspection plans and Section G of the approved permit application? [Condition B.10.] Yes ☒ No ___ N/A ___ RMK# ___
3. Whenever hazardous waste is being managed at the facility, has the permittee provided all personnel involved in the operation with immediate access to an internal alarm or emergency communication device as required by OAC rule 3745-54-34 and Section G of the approved permit application? [Condition B.11.] Yes ☒ No ___ N/A ___ RMK# ___

CONTINGENCY PLAN REQUIREMENTS

EMERGENCY PROCEDURES

1. In compliance with Condition B.13.(a) of the permit, does the permittee:

a. Familiarize the emergency response agencies likely to respond to an emergency at the facility with:

i. The location and layout of the facility?

Yes ☒ No ☐ N/A ☐ RMK# ☐

ii. Properties of hazardous waste and mixed waste managed at the facility and associated hazards?

Yes ☒ No ☐ N/A ☐ RMK# ☐

iii. Places where facility personnel will normally be working?

Yes ☒ No ☐ N/A ☐ RMK# ☐

iv. Entrances to and roads inside the facility?

Yes ☒ No ☐ N/A ☐ RMK# ☐

v. Evacuation routes as depicted in Section G of the permit application?

Yes ☒ No ☐ N/A ☐ RMK# ☐

b. Inform emergency response agencies of safety equipment, supplies, proper emergency procedures that are applicable to the facility, and any further requirements imposed by the permit?; and

Yes ☒ No ☐ N/A ☐ RMK# ☐

c. Familiarize local police and fire departments, local hospitals and other local emergency services with the properties of hazardous waste and mixed waste managed at the facility and the types of injuries which could result from fires, explosions or a release of hazardous wastes at the facility?

Yes ☒ No ☐ N/A ☐ RMK# ☐

2. Is the permittee in compliance with the requirements of OAC rule 3745-54-56 and Section G of the approved permit application regarding emergency procedures? [Condition B.20.]

Yes ☒ No ☐ N/A ☐ RMK# ☐

EMERGENCY AUTHORITIES

3. Has a state or local agency declined to enter into the arrangements set forth in OAC rule 3745-54-37(A)? If so, Yes___ No___ N/A ☒ RMK#___
- a. Has the permittee documented the refusal in the operating record as required by OAC rule 3745-54-37(B)? [Condition B.13.(b)] Yes___ No___ N/A ☒ RMK#___
4. Has the permittee, in accordance with OAC rule 3745-54-53 submitted a copy of the approved contingency plan (including amendments, revisions or changes) to all local authorities, agencies and response contractors designated in the approved contingency plan? [Condition B.18.] Yes ☒ No___ N/A___ RMK#___
5. Has the permittee notified the agencies in Question #4, in writing, within ten days of the effective date of any amendments or revisions to the Plan? [Condition B.18.(b)] Yes ☒ No___ N/A___ RMK#___
6. Has the permittee submitted a copy of the approved contingency plan and all revisions, amendments and modifications to the Ohio EPA, Division of Emergency and Remedial Response in accordance with OAC rule 3745-54-53? [Condition B.18.(c)] Yes ☒ No___ N/A___ RMK#___

EMERGENCY COORDINATOR

7. Is the permittee in compliance with the requirements of OAC rule 3745-54-55 with regard to the emergency coordinator? [Condition B.19.] Yes ☒ No___ N/A___ RMK#___

AMENDMENT OF PLAN

8. Is the permittee reviewing the approved contingency plan regularly and amending the plan immediately if needed in compliance with OAC rule 3745-54-54? [Condition B.17.] Yes ☒ No___ N/A___ RMK#___

Note: Also see Question #4 of RECORDKEEPING REQUIREMENTS to verify that any changes to the contingency plan were submitted in accordance with OAC rule 3745-50-51.

IMPLEMENTATION OF PLAN

9. Has there been a fire, explosion or release of hazardous waste or mixed waste or constituents at the facility since the last date of inspection as described by Condition B.14. of the permit? If so, *0009 morning 10:11 August 2012* Yes ☒ No ___ N/A ___ RMK# ___
- a. Did the permittee immediately implement the approved contingency plan and follow the emergency procedures described in OAC rule 3745-54-56? [Condition B.14.] Yes ☒ No ___ N/A ___ RMK# ___
- b. Did the permittee collect and manage released material, emergency response material and by-products as hazardous waste or mixed waste until making a demonstration to Ohio EPA that such materials are not subject to Ohio hazardous waste rules? [Condition B.16.] Yes ☒ No ___ N/A ___ RMK# ___
- c. Within 15 days of the incident did the permittee submit, to the director, a written report of the incident? If so, Yes ☒ No ___ N/A ___ RMK# ___
- i. Did the report contain the elements set forth in OAC rule 3745-54-56(J)? [Condition B.23.] **Note:** See also Conditions A.21. and A.22. of the permit for additional reporting/recordkeeping requirements. Yes ☒ No ___ N/A ___ RMK# ___
- d. Did the permittee note in the operating record the time, date and details of any incident that required the implementation of the approved contingency plan? [Condition B.23.] Yes ☒ No ___ N/A ___ RMK# ___

REMARKS

CLOSURE PLAN/AMENDMENT

1. Is the permittee maintaining at the facility, the approved closure plan which contains the elements set forth in OAC rule 3745-55-12? [Condition B.29.] Yes ☒ No ___ N/A ___ RMK# ___
2. Has the permittee amended the closure plan? If so, Yes ☒ No ___ N/A ___ RMK# ___
- a. Has the plan been amended in accordance with OAC rule 3745-55-12(C)? [Condition B.28.] Yes ☒ No ___ N/A ___ RMK# ___

NOTE: Also see RECORDKEEPING REQUIREMENTS (Question #4) in order to verify that any changes to the closure plan were submitted in accordance with OAC rule 3745-50-51.

CLOSURE ACTIVITIES

3. Has the permittee closed the facility? If so, Yes ___ No ☒ N/A ___ RMK# ___
- a. Was closure conducted in accordance with the closure performance standard of OAC rule 3745-55-11? [Condition B.26.] Yes ___ No ___ N/A ___ RMK# ___
- b. Did the permittee carry-out the approved closure plan as set forth in the permit application and terms and conditions of the permit? [Condition B.26.] Yes ___ No ___ N/A ___ RMK# ___
- c. After receiving the final volume of hazardous waste, did the permittee remove from the facility all hazardous waste and mixed waste and complete closure activities in accordance with the schedule specified in the approved closure plan and as required by OAC rule 3745-55-13? [Condition B.31.] Yes ___ No ___ N/A ___ RMK# ___
- d. Has the permittee decontaminated and/or disposed of all facility equipment, structures and soils as required by OAC rule 3745-55-14 and the approved closure plan? [Condition B.32.] Yes ___ No ___ N/A ___ RMK# ___
- e. Did the permittee notify Ohio EPA's Southeast District Office within five working days prior to all rinseate and soil sampling? [Condition B.32.(b)] Yes ___ No ___ N/A ___ RMK# ___
- f. Has the permittee certified that the facility has been closed in accordance with the specifications in the approved closure plan as required by OAC rule 3745-55-15? [Condition B.33.] Yes ___ No ___ N/A ___ RMK# ___

REMARKS

REQUIREMENTS FOR IGNITABLE, REACTIVE OR INCOMPATIBLE WASTES

1. Is the permittee following the procedures as specified in OAC rules 3745-54-17, 3745-55-77 and Section F of the approved application when managing ignitable, reactive and/or incompatible wastes? [Conditions B.7.(a) and C.10. and C.11.] Yes ☒ No ___ N/A ___ RMK# ___
2. Does the permittee **not** store incompatible waste **except** in accordance with OAC rules 3745-54-17(B) and 3745-55-77, and the terms and conditions of this permit? [Condition C.11.(a)] Yes ☒ No ___ N/A ___ RMK# ___
3. Does the permittee take precautions to prevent placing hazardous waste or mixed waste in an unwashed container that previously held an incompatible waste or material? [Condition C.11.(b)] Yes ☒ No ___ N/A ___ RMK# ___
4. Does the permittee ensure that all containers of incompatible wastes are physically separated from other incompatible wastes or materials by a wall, berm, dike, or other device in accordance with OAC rule 3745-55-77 and the Appendix to OAC rule 3745-55-99? [Condition C.11.(c)] Yes ☒ No ___ N/A ___ RMK# ___
 - a. Are all containers of aqueous hazardous acids (ph \leq 2) and caustics ph \geq 12.5) sorted on different pallets and physically separated in different rooms? [Condition C.11.(c)] Yes ☒ No ___ N/A ___ RMK# ___
 - b. Are aqueous acids and caustics in poly bottles, and other containers requiring nuclear criticality safety spacing physically separated in the same room by a dike? [Condition C.11.(c)] Yes ☒ No ___ N/A ___ RMK# ___
 - c. Are containers of cyanides and sodium metals being stored in rooms physically separate from other incompatible wastes or other incompatible materials? [Condition C.11.(c)] Yes ☒ No ___ N/A ___ RMK# ___

5. Does the permittee provide electrical grounding for all containers, tanks and transport vehicles during all operations involving the handling of flammable and/or combustible wastes? [Condition B.7.(b)] Yes ☒ No ___ N/A ___ RMK# ___
6. Does the permittee provide and require the use of spark proof tools during all operations involving the handling of flammable and/or combustible wastes? [Condition B.7.(c)] Yes ☒ No ___ N/A ___ RMK# ___
7. Does the permittee prohibit smoking and open flames in areas where hazardous wastes are managed and post appropriate signs? [Condition B.7.(d)] Yes ☒ No ___ N/A ___ RMK# ___
8. As required by OAC rule 3745-55-76, does the permittee store containers of ignitable or reactive wastes greater than 15 meters (50 feet) away from the Portsmouth Gaseous Diffusion Plant reservation boundary? [Condition C.10.(a)] Yes ☒ No ___ N/A ___ RMK# ___

REMARKS

STORAGE OF HAZARDOUS WASTES IN CONTAINERS

NOTE: The requirements of permit Condition C do not apply to the permittee's activities as a generator accumulating hazardous waste for < 90 days per OAC rule 3745-52-34(A). Please complete the applicable sections of the Generator Requirements checklist to document compliance with activities associated with < 90-day accumulation of wastes.

1. Is the permittee storing in containers, only those wastes as specified in Section A of the Part B permit application? [Condition C.1.(a), C.2.] Yes ☒ No ___ N/A ___ RMK# ___

2. Does the permittee limit the total quantity of containerized waste in the container storage area to 133,000 gallons at any given time in the permitted container areas, located in building X-326? [Condition C.1.(a)] Yes ☒ No ___ N/A ___ RMK# ___

NOTE: For the purposes of compliance with the capacity limitation of the permit, each container will be considered to be storing an amount of hazardous waste equal to its capacity. For example, a 55-gallon drum will be considered to be holding 55 gallons of waste, regardless of the actual quantity stored in the drum. [Condition C.1.(b)]

3. When accumulating waste within the permitted X-326 container storage area, does the permittee ensure that the total amount of waste (both > 90 days and < 90 days) does not exceed the maximum container storage inventory established under Condition C.1.? [Condition C.1.(c)] Yes ☒ No ___ N/A ___ RMK# ___

4. Are hazardous wastes subject to regulation by the permit stored only at the designated container storage area described in the approved permit application? (See Section D of the permit application) [Condition C.1.(a)] Yes ☒ No ___ N/A ___ RMK# ___

5. Is each container stored clearly marked to identify its contents and the date each period of accumulation/storage begins? (See Section D of the permit application) [Condition C.3.] Yes ☒ No ___ N/A ___ RMK# ___

6. Does the permittee store hazardous waste in the types of containers described in Section D of the approved permit application? [Condition C.1.(a)] Yes ☒ No ___ N/A ___ RMK# ___

CONDITION OF CONTAINERS

8. Are containers holding hazardous wastes in good condition? [Condition C.3.] Yes ☒ No ___ N/A ___ RMK# ___
- a. If not, (e.g., severe rusting, structural defects) did the permittee transfer the hazardous waste from such a container to a container that is in good condition or otherwise manage the waste in a manner that complies with the conditions of the permit and OAC rule 3745-55-71? [Condition C.3.] Yes ☒ No ___ N/A ___ RMK# ___
9. Does the permittee ensure that all containers used at the facility are compatible with the hazardous waste to be stored in them as required by OAC rule 3745-55-72? [Condition C.4.] Yes ☒ No ___ N/A ___ RMK# ___
10. Is storage conducted in the container storage containment system as described in Condition C.1. of the permit and Section D of the approved permit application? [Condition C.5.(a)] Yes ☒ No ___ N/A ___ RMK# ___
11. Does the permittee keep all containers closed during storage except when it is necessary to add or remove waste as required by OAC rule 3745-55-73? [Condition C.5.(b)] Yes ☒ No ___ N/A ___ RMK# ___
12. Are lab-pack wastes handled in compliance with applicable storage requirements? [Condition C.5.(c)] Yes ☒ No ___ N/A ___ RMK# ___
13. Are lab-pack wastes packaged in drums containing absorbent material that is compatible with the wastes? [Condition C.5.(d)] Yes ☒ No ___ N/A ___ RMK# ___

INSPECTIONS

14. Is the permittee inspecting the container area weekly in accordance with OAC rules 3745-54-15, and 3745-54-73 and the approved inspection schedule (Section F) to detect leaking containers and deterioration of containers and the containment system? [Condition C.8.] Yes ☒ No ___ N/A ___ RMK# ___

a. Does the permittee note the results of these inspections in the inspection log along with any remedial action taken? [Condition C.8.]

Yes ☒ No ☐ N/A ☐ RMK# ☐

b. On days when containerized waste are added or removed to and/or from any of the permitted areas for storage, does the permittee conduct inspections as described in Section F of the approved Part B permit application and maintain the inspection results in the facility operating record? [Condition C.8.]

Yes ☒ No ☐ N/A ☐ RMK# ☐

CONTAINMENT SYSTEM

15. Does the permittee maintain the containment system as described in Section D of the approved Part B permit application, including: [Condition C.6.]

Yes ☒ No ☐ N/A ☐ RMK# ☐

a. Sufficient design to contain 10% of the total volume of the containers or the volume of the largest container, whichever is greater? [Condition C.6.(b)]

Yes ☒ No ☐ N/A ☐ RMK# ☐

b. A system which is free of gaps and sufficiently impervious to contain leaks and spills?

Yes ☐ No ☒ N/A ☐ RMK# ☐
Surf 2 -

c. Equipped with a coating which is compatible with each waste stored in the area?

Yes ☐ No ☒ N/A ☐ RMK# ☐
*Surf 2 feeding Part
Regrind (GWS)*

d. *For those wastes which are deemed incompatible with liner material:* Has the permittee installed a separate secondary containment structure within the existing structure which is equipped with a compatible liner?

Yes ☒ No ☐ N/A ☐ RMK# ☐

16. Has the permittee had a spill or leak of wastes or an accumulation of precipitation in the containment system? If so,

Yes ☐ No ☒ N/A ☐ RMK# ☐

a. Are spilled or leaked wastes and accumulated precipitation removed from the sump or collection area in a timely manner? [Condition C.6.(c)]

Yes ☒ No ☐ N/A ☐ RMK# ☐

b. Does removal of spilled/leaked wastes and accumulated precipitation occur within 24 hours from the time the spill or leak waste is discovered? [Condition C.6.(c)]

Yes ☒ No ☐ N/A ☐ RMK# ☐

REQUIRED AISLE SPACE

17. Is the permittee maintaining aisle space to allow unobstructed movement of personnel, fire protection equipment, spill control equipment and decontamination equipment in the event of an emergency to any area of the facility as required by OAC rule 3745-54-35? [Condition B.12.]

Yes ☒ No ☐ N/A ☐ RMK# ☐

CLOSURE AND POST-CLOSURE

18. At closure of the container storage area, did the permittee remove all hazardous waste, hazardous waste residues, mixed waste and mixed waste residues from the containment system, in accordance with the procedures set forth in the approved closure plan (Section I of the permit application)? [Condition C.13.(a)]

Yes ☐ No ☐ N/A ☒ RMK# ☐

19. During closure, if the permittee could not demonstrate that all contaminated soils could be removed, did the permittee close the unit and perform post-closure care following a plan approved by Ohio EPA? [Condition C.13.(b)]

Yes ☐ No ☐ N/A ☒ RMK# ☐

CONTAINER STORAGE OF RESIDUAL WASTE

20. Is the permittee complying with the provisions of Section C-2E of the application as amended pursuant to Condition B.2.(b) of this permit?

Yes ☒ No ☐ N/A ☐ RMK# ☐

LAND DISPOSAL RESTRICTION REQUIREMENTS
PROHIBITION AGAINST DILUTION

1. Has the permittee updated the annual Federal Facility Compliance Act Schedule? [OAC rule 3745-270-50; Condition B.36.] Yes X No ___ N/A ___ RMK# ___
2. Does the entity dilute a restricted waste or a treatment residue from a restricted waste? [OAC rule 3745-270-40 through 49; Condition B.36.(c)] Yes X No Q N/A ___ RMK# ___
- a. As a substitute for adequate treatment to achieve compliance with LDR treatment standards? Yes ___ No ___ N/A ___ RMK# ___
- b. To circumvent the effective date of a prohibition (e.g., to dilute a non-wastewater waste to a wastewater to avoid complying with the non-wastewater treatment standard)? Yes ___ No ___ N/A ___ RMK# ___
- c. To otherwise avoid a prohibition in OAC rule 3745-270-30 through -39? Yes ___ No ___ N/A ___ RMK# ___
- d. To otherwise avoid a prohibition imposed by Section 3004(d) of RCRA? Yes ___ No ___ N/A ___ RMK# ___

NOTE: If the answer to any of Questions 2(a) through 2(d) above is yes, the entity is impermissibly diluting a restricted waste and is in violation of OAC rule 3745-270-03 [Condition B.36.]. Dilution of wastes is permissible under some conditions. See OAC rule 3745-270-03(B).

GENERATOR REQUIREMENTS

3. Has the generator adequately evaluated all wastes to determine if they are restricted from land disposal? [OAC rule 3745-270-07; Condition B.36.(e)] Yes X No ___ N/A ___ RMK# ___
- a. **For determinations based solely on knowledge of the waste:** Is supporting data used to make this determination being retained on-site? [OAC rule 3745-270-07; Condition B.36.(e)] Yes X No ___ N/A ___ RMK# ___

b. **For determinations based upon analytical testing:**

Is a copy of waste analysis data being retained on-site? [OAC rule 3745-270-07; Condition B.36.(e)]

Yes ☒ No ☐ N/A ☐ RMK# ☐

4. Has the generator determined the correct treatability group for each waste restricted from land disposal (e.g., wastewater, non-wastewater, high arsenic, low arsenic, high zinc, low zinc, etc.)? [OAC rule 3745-270-07; Condition B.36.(e)]

Yes ☒ No ☐ N/A ☐ RMK# ☐

5. Has the generator correctly determined if restricted wastes meet or exceed treatment standards? [OAC rule 3745-270-07(A); Condition B.36.(e)]

Yes ☒ No ☐ N/A ☐ RMK# ☐

6. Does the entity generate any listed waste(s) which are restricted from land disposal? If so,

Yes ☒ No ☐ N/A ☐ RMK# ☐

- a. Do such wastes also exhibit hazardous waste characteristics as identified in OAC rules 3745-51-20 to 3745-51-24?

Yes ☒ No ☐ N/A ☐ RMK# ☐

- b. **For listed wastes which also exhibit a characteristic:** Does the generator also identify the appropriate treatment standard for the constituent(s) which cause the waste to exhibit the characteristic(s)? [OAC rule 3745-270-09(A)]

Yes ☒ No ☐ N/A ☐ RMK# ☐

NOTE: The generator is not required to identify the treatment standard for the characteristic if the listing covers the associated characteristic (e.g., a F019/D007 hazardous waste - F019 being listed due to chromium content and D007 being the characteristic waste code for chromium). [See OAC rule 3745-270-09(B)].

NOTIFICATION/CERTIFICATION

7. **For wastes that do not meet treatment standards:** Has the generator submitted a one-time written notice to the treatment/storage facility receiving the wastes, that wastes being received do not meet treatment standards? [OAC rule 3745-270-07(A)(2); Condition B.36.(j)]

Yes ☒ No ☐ N/A ☐ RMK# ☐

If so, does the notice including the following:

- a. EPA hazardous waste number? [OAC rule 3745-270-07(A)(2); Condition B.36.(j)]

Yes ☒ No ☐ N/A ☐ RMK# ☐

- b. Appropriate treatment standard for the waste? [OAC rule 3745-270-07(A)(2); Condition B.36.(j)] Yes ☒ No ___ N/A ___ RMK# ___
- c. The manifest number associated with the first shipment of waste? [OAC rule 3745-270-07(A)(2); Condition B.36.(j)] Yes ☒ No ___ N/A ___ RMK# ___
- d. Waste analysis data, where available? [OAC rule 3745-270-07(A)(2); Condition B.36.(j)] Yes ☒ No ___ N/A ___ RMK# ___
- e. Applicable wastewater/non-wastewater category [OAC rule 3745-270-07(A)(2); Condition B.36.(j)] Yes ☒ No ___ N/A ___ RMK# ___
- f. For hazardous debris, list the contaminants subject to treatment, as described in paragraph (B) of OAC rule 3745-270-45; and an indication that these contaminants are being treated to comply with OAC rule 3745-270-45. Yes ☒ No ___ N/A ___ RMK# ___
- g. For contaminated soil list the constituents subject to treatment as described in paragraph (D) of OAC rule 3745-270-49, and the following statement: This contaminated soil [does/does not] contain listed hazardous waste and [does/does not] exhibit a characteristic of hazardous waste and [is subject to/complies with] the soil treatment standards as provided in paragraph (C) of OAC rule 3745-270-49 or the universal treatment standards. Yes ☒ No ___ N/A ___ RMK# ___
8. **For wastes that meet treatment standards:** Does the generator submit a one-time written notice and certification to the treatment, storage or disposal facility receiving the wastes stating wastes being received meet applicable treatment standards? [OAC rule 3745-270-07(A)(3); Condition B.36.(j)] Yes ☒ No ___ N/A ___ RMK# ___
- If so, does the notice/certification including the following:
- a. EPA hazardous waste identification number? [OAC rule 3745-270-07(A)(3); Condition B.36.(j)] Yes ☒ No ___ N/A ___ RMK# ___
- b. The corresponding treatment standards and applicable prohibitions for the waste? [OAC rule 3745-270-07(A)(3); Condition B.36.(j)] Yes ☒ No ___ N/A ___ RMK# ___

- c. The manifest number associated with the shipment of waste? [OAC rule 3745-270-07(A)(3); Condition B.36.(j)] Yes ☒ No ___ N/A ___ RMK# ___
- d. Waste analysis data, where available? [OAC rule 3745-270-07(A)(3); Condition B.36.(j)] Yes ☒ No ___ N/A ___ RMK# ___
- e. Is the certification signed by the generator or an authorized representative? [OAC rule 3745-270-07(A)(3); Condition B.36.(j)] Yes ☒ No ___ N/A ___ RMK# ___
- f. For contaminated soil list the constituents subject to treatment as described as described in paragraph (D) of OAC rule 3745-270-49, and the following statement: This contaminated soil [does/does not] contain listed hazardous waste and [does/does not] exhibit a characteristic of hazardous waste and [is subject to/complies with] the soil treatment standards as provided in paragraph (C) of OAC rule 3745-270-49 or the universal treatment standards. Yes ☒ No ___ N/A ___ RMK# ___
9. Does the generator retain on-site a copy of all notices, certifications, demonstrations and waste analysis data for at least three years? [OAC rule 3745-270-07(A)(8); Condition B.36.(j)] Yes ☒ No ___ N/A ___ RMK# ___

STORAGE OF LAND DISPOSAL RESTRICTED WASTES

NOTE: The following questions apply to operators of treatment, storage or disposal (TSD) facilities that accumulate LDR wastes that do not meet treatment standards in tanks or containers. A LQG who stores LDR wastes on-site for greater than 90 days becomes a operator of a storage facility and must comply with all applicable TSD requirements. SQGs become owners/operators of storage facilities if storage of LDR wastes exceeds 6,000 kg. or 180/270 days.

NOTE: The LDR storage prohibition does not apply to wastes which are subject to a national capacity variance, variance from the treatment standard or case-by-case extension during the period of extension/variance. The LDR storage prohibition also does not apply to wastes subject to a no-migration petition or to wastes which meet treatment standards. [OAC rule 3745-270-50(E); 40 CFR 268.50(e)]

10. Is the owner/operator storing LDR restricted wastes in containers? If so, is each container marked with the following information in accordance with OAC rule 3745-270-50(A)(2)(a) [Condition B.36.(l)] Yes ☒ No ___ N/A ___ RMK# ___
- a. The identification of the contents? Yes ☒ No ___ N/A ___ RMK# ___

- b. The date which accumulation began?

NOTE: A TSD facility may store LDR wastes on-site for the purpose of accumulating a sufficient amount of waste for proper recovery, treatment or disposal. [OAC rule 3745-270-50(B)]. During the first of storage, the burden of proof is on Ohio EPA to demonstrate that such storage is not necessary by the facility. Following one year, the burden of proof shifts to the storage facility to demonstrate that such storage of LDR wastes is necessary to facilitate proper recovery, treatment or disposal.

11. Are LDR wastes being stored at the facility for greater than one year? If so,

- a. Has the owner/operator demonstrated that such storage is being conducted solely for the purpose of accumulating sufficient quantities of wastes necessary to facilitate proper recovery, treatment or disposal? [OAC rule 3745-270-50(B); Condition B.36(m)]

Yes X No ___ N/A ___ RMK# ___

**RCRA HAZARDOUS WASTE GENERATOR
INSPECTION CHECKLIST**

Company: U.S. DOE Portsmouth Gaseous Diffusion EPA ID#: OH7 890 008 983

Street: 3930 U.S. Route 23 South City: Piketon

County: Pike State: Ohio Zip: 45661

Mailing Address: Same
(If different from above)

Telephone: 740-897-5010 Fax #: _____

Owner/Operator: _____
(If different from above)

Street: _____

City: _____ State: Ohio Zip: _____

Inspection Date(s): 6/17/2013 and 6/18/2013 Time(s): 7:30 am

Inspection Announced? Yes x NO If so, how much advance notice given? _____

	Name	Affiliation	Telephone
Inspectors:	Walt Francis	U.S. EPA	312-353-4921
	Melody Stewart	Ohio EPA	740-380-5256
Facility Representative:	Kristi Wiehle	U.S. DOE	740-897-5020
	Chris Guilliams	Fluor-B&W Portsmouth, LLC	740-897-3863

Complete All Other Applicable Checklists	
Generator Classification	Waste Management Activity
<input type="checkbox"/> Conditionally Exempt SQG (CESQG)	<input checked="" type="checkbox"/> Containers
<input type="checkbox"/> Small Quantity Generator (SQG)	<input type="checkbox"/> Tank(s)
<input type="checkbox"/> Large Quantity Generator (LQG)	<input checked="" type="checkbox"/> Land Disposal Requirements (LDR)
<input type="checkbox"/> No Generation	<input checked="" type="checkbox"/> Used Oil
	<input checked="" type="checkbox"/> Universal Waste
	<input type="checkbox"/> Other

CESQG: < 100 Kg. (approximately 25-30 gallons) of waste in a calendar month

SQG: Between 100 and 1,000 Kg. (about 25 to under 300 gallons) of waste in a calendar month

LQG: >1,000 Kg. (~300 gallons) of waste in a calendar month or > 1 Kg. of acutely hazardous waste in a calendar month

NOTE: To convert from gallons to pounds: Amount in gallons x Specific Gravity x 8.345 = Amounts in pounds

**COMPLETE AND ATTACH A PROCESS DESCRIPTION SUMMARY
NOTE TO THE INSPECTOR**

LARGE QUANTITY GENERATOR REQUIREMENTS
COMPLETE AND ATTACH A PROCESS DESCRIPTION SUMMARY

CESQG: ≤100 Kg. (Approximately 25-30 gallons) of waste in a calendar month or < 1 Kg. of acutely hazardous waste.
 SQG: Between 100 and 1,000 Kg. (About 25 to under 300 gallons) of waste in a calendar month.
 LQG: ≥ 1,000 Kg. (~300 gallons) of waste in a calendar month or ≥1 Kg. of acutely hazardous waste in a calendar month.
 NOTE: To convert from gallons to pounds: Amount in gallons x Specific Gravity x 8.345 = Amounts in pounds.

Safety Equipment Used:

GENERAL REQUIREMENTS

1.	Have all wastes generated at the facility been adequately evaluated? [3745-52-11]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
2.	Are records of waste determination being kept for at least 3 years? [3745-52-40(C)]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
3.	Has the generator obtained a U.S. EPA identification number? [3745-52-12]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
4.	Were annual reports filed with Ohio EPA on or before March 1 st ? [3745-52-41(A)]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
5.	Are annual reports kept on file for at least 3 years? [3745-52-40(B)]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
6.	Has the generator transported or caused to be transported hazardous waste to other than a facility authorized to manage the hazardous waste? [ORC 3734.02(F)]	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
7.	Has the generator disposed of hazardous waste on-site without a permit or at another facility other than a facility authorized to dispose of the hazardous waste? [ORC 3734.02(E)&(F)]	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
8.	Does the generator accumulate hazardous waste?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>

NOTE: If the LQG does not accumulate or treat hazardous waste, it is not subject to 52-34 standards. All other requirements still apply, e.g., annual reports, manifest, marking, record keeping, LDR, etc.

9.	Has the generator accumulated hazardous waste on-site in excess of 90 days without a permit or an extension from the director ORC §3734.02(E)&(F)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
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NOTE: If F006 waste is generated and accumulated for > 90 days and is recycled see 3745-52-34(G)&(H).

10.	Does the generator treat hazardous waste in a: [ORC 3734.02(E)&(F)]	
a.	Container that meets 3745-66-70 to 3745-66-77?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
b.	Tank that meets 3745-66-90 to 3745-66-100 except 3745-66-97(C)?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
c.	Drip pads that meet 3745-69-40 to 3745-69-45?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
d.	Containment building that meets 3745-256-100 to 3745-256-102?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>

NOTE: Complete appropriate checklist for each unit.

NOTE: If waste is treated to meet LDRs, use LDR checklist.

11.	Does the generator export hazardous waste? If so:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
a.	Has the generator notified U.S. EPA of export activity? [3745-52-53(A)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
b.	Has the generator complied with special manifest requirements? [3745-52-54]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
c.	For manifests that have not been returned to the generator: has an exception report been filed? [3745-52-55]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
d.	Has an annual report been submitted to U.S. EPA? [3745-52-56]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

[Facility Name/Inspection Date]

[ID number]

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e.	Are export related documents being maintained on-site? [3745-52-57(A)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
MANIFEST REQUIREMENTS		
12.	Have all hazardous wastes shipped off-site been accompanied by a manifest? (U.S. EPA Form 8700-22) [3745-52-20(A)(1)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
13.	Have items (1) through (20) of each manifest been completed? [3745-52-20(A)(1)]&[3745-52-27(A)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
NOTE: U.S. EPA Form 8700-22(A) (the continuation form) may be needed in addition to Form 8700-22. In these situations items (21) through (35) must also be completed. [3745-52-20(A)(1)]		
14.	Does each manifest designate at least one facility which is permitted to handle the waste? [3745-52-20(B)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
NOTE: The generator may designate on the manifest one alternate facility to handle the waste in the event of an emergency which prevents the delivery of waste to the primary designated facility. [3745-52-20(C)]		
15.	If the transporter was unable to deliver a shipment of hazardous waste to the designated facility, did the generator designate an alternate TSD facility or give the transporter instructions to return the waste? [3745-52-20(D)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
16.	Have the manifests been signed by the generator and initial transporter? [3745-52-23(A)(1)&(2)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
NOTE: Remind the generator that the certification statement they signed indicates: 1) they have properly prepared the shipment for transportation and 2) they have a program in place to reduce the volume and toxicity waste they generate.		
17.	If the generator received a rejected load or residue and accumulated the waste on-site, did the generator sign item 18c or 20 of the manifest? [3745-52-34(M)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
18.	If the generator did not receive a return copy of each completed manifest within 35 days of the waste being accepted by the transporter, did the generator contact the transporter and/or TSD facility to check on the status of the waste? [3745-52-42(A)(1)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
19.	If the generator has not received the manifest within 45 days, did the generator file an exception report with Ohio EPA? [3745-52-42(A)(2)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
20.	Are signed copies of all manifests and any exception reports being retained for at least three years? [3745-52-40]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
NOTE: Waste generated at one location and transported along a publicly accessible road for temporary consolidated storage or treatment on a contiguous property also owned by the same person is not considered "on-site" and manifesting and transporter requirements must be met. To transport "along" a public right-of-way the destination facility has to act as a transfer facility or have a permit because this is considered to be "off-site." For additional information see the definition of "on-site" in OAC rule 3745-50-10.		
PERSONNEL TRAINING		
21.	Does the generator have a training program which teaches facility personnel hazardous waste management procedures (including contingency plan implementation) relevant to their positions? [3745-65-16(A)(2)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
22.	Does the personnel training program, at a minimum, include instructions to ensure that facility personnel are able to respond effectively to emergencies involving hazardous waste by familiarizing them with emergency procedures, emergency equipment and emergency systems (where applicable)? [3745-65-16(A)(3)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
NOTE: For facility employees that receive emergency response training pursuant to OSHA regulations, the facility is not required to provide separate emergency response training, provided that the overall facility training meets all the requirements of OAC 3745-65-16(A). [3745-65-16(A)(4)]		
23.	Is the personnel training program directed by a person trained in hazardous waste management procedures? [3745-65-16(A)(2)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
24.	Do new employees receive training within six months after the date of hire (or assignment to a new position)? [3745-65-16(B)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
25.	Does the generator provide annual refresher training to employees? [3745-65-16(C)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

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26.	Does the generator keep records and documentation of:		
a.	Job titles? [3745-65-16(D)(1)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	
b.	Job descriptions? [3745-65-16(D)(2)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	
c.	Type and amount of training given to each person? [3745-65-16(D)(3)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	
d.	Completed training or job experience required? [3745-65-16(D)(4)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	
27.	Are training records for current personnel kept until closure of the facility and are training records for former employees kept for at least three years from the date the employee last worked at the facility? [3745-65-16(E)]		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

NOTE: The following section can be used by the inspector to document that all personnel who are involved with hazardous waste management have been trained. The employees who need training (written and/or on-the-job) may include the following: environmental coordinators, drum handlers, emergency coordinators, personnel who conduct hazardous waste inspections, emergency response teams, personnel who prepare manifest, etc.

Job Performed	Name of Employee	Date Trained

CONTINGENCY PLAN

28.	Does the owner/operator have a contingency plan to minimize hazards to human health or the environment from fires, explosions or any unplanned release of hazardous waste? [3745-65-51(A)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
29.	Does the plan describe the following:	
a.	Actions to be taken in response to fires, explosions or any unplanned release of hazardous waste? [3745-65-52(A)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
b.	Arrangements with emergency authorities? [3745-65-52(C)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
c.	A current list of names, addresses and telephone numbers (office and home) of all persons qualified to act as emergency coordinator? [3745-65-52(D)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
d.	A list of all emergency equipment, including: location, a physical description and brief outline of capabilities? [3745-65-52(E)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
e.	An evacuation plan for facility personnel where there is possibility that evacuation may be necessary? [3745-65-52(F)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

NOTE: If the facility already has a "Spill Prevention, Control and Countermeasures Plan" under 40 CFR Part 112 or 40 CFR Part 1510, or some other emergency plan, the facility can amend that plan to incorporate hazardous waste management provisions that are sufficient to comply with OAC requirements. The facility may develop one contingency plan which meets all regulatory requirements. Ohio EPA recommends that the plan be based on the "National Response Team's Integrated Contingency Plan Guidance (One Plan)." [3745-65-52(B)]

30.	Is a copy of the plan (plus revisions) kept on-site and been given to all emergency authorities that may be requested to provide emergency services? [3745-65-53(A)&(B)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
31.	Has the generator revised the plan in response to rule changes, facility, equipment and personnel changes, or failure of the plan? [3745-65-54]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
32.	Is an emergency coordinator available at all times (on-site or on-call)? [3745-65-55]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

NOTE: The emergency coordinator shall be thoroughly familiar with: (a) all aspects of the facility's contingency plan; (b) all operations and activities at the facility; (c) the location and characteristics of waste handled; (d) the location of all records within the facility; (e) facility layout; and (f) shall have the authority to commit the resources needed to implement provisions of the contingency plan.

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EMERGENCY PROCEDURES		
33.	Has there been a fire, explosion or release of hazardous waste or hazardous waste constituents since the last inspection? If so:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
	a. Was the contingency plan implemented? [3745-65-51(B)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	b. Did the facility follow the emergency procedures in 3745-65-56(A) through (H)?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	c. Did the facility submit a report to the Director within 15 days of the incident as required by 3745-65-56(I)?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
NOTE: OAC 3745-65-51(B) requires that the contingency plan be implemented immediately whenever there is a fire, explosion, or release of hazardous waste or hazardous waste constituents, which could threaten human health and the environment.		
PREPAREDNESS AND PREVENTION		
34.	Is the facility operated to minimize the possibility of fire, explosion, or any unplanned release of hazardous waste? [3745-65-31]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
35.	Does the generator have the following equipment at the facility, if it is required due to actual hazards associated with the waste:	
	a. Internal communications or alarm system? [3745-65-32(A)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	b. Emergency communication device? [3745-65-32(B)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	c. Portable fire control, spill control and decon equipment? [3745-65-32(C)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	d. Water of adequate volume/pressure per documentation or facility rep? [3745-65-32(D)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
NOTE: Verify that the equipment is listed in the contingency plan.		
36.	Is emergency equipment tested (inspected) as necessary to ensure its proper operation in time of emergency? [3745-65-33]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
37.	Are emergency equipment tests (inspections) recorded in a log or summary? [3745-65-33]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
38.	Do personnel have immediate access to an internal alarm or emergency communication device when handling hazardous waste (unless the device is not required under 3745-65-32)? [3745-65-34(A)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
39.	If there is only one employee on the premises, is there immediate access to a device (eg., phone, hand held two-way radio) capable of summoning external emergency assistance (unless not required under 3745-65-32)? [3745-65-34(B)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
40.	Is adequate aisle space provided for unobstructed movement of emergency or spill control equipment? [3745-65-35]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
41.	Has the generator attempted to familiarize emergency authorities with possible hazards and facility layouts? [3745-65-37(A)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
42.	Where authorities have declined to enter into arrangements or agreements, has the generator documented such a refusal? [3745-65-37(B)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
SATELLITE ACCUMULATION AREA REQUIREMENTS		
43.	Does the generator ensure that satellite accumulation area(s):	
	a. Are at or near a point of generation? [3745-52-34(C)(1)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	b. Are under the control of the operator of the process generating the waste? [3745-52-34(C)(1)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	c. Do not exceed a total of 55 gallons of hazardous waste per waste stream? [3745-52-34(C)(1)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	d. Do not exceed one quart of acutely hazardous waste at any one time? [3745-52-34(C)(1)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

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	e.	Containers are closed, in good condition and compatible with wastes stored in them? [3745-52-34(C)(1)(a)]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
	f.	Containers are marked with words "Hazardous Waste" or other words identifying the contents? [3745-52-34(C)(1)(b)]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
44.		Is the generator accumulating hazardous waste(s) in excess of the amounts listed in the preceding question? If so:	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
	a.	Did the generator comply with 3745-52-34(A)(1) through (4) or other applicable generator requirements within three days? [3745-52-34(C)(2)]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
	b.	Did the generator mark the container(s) holding excess with the accumulation date when the 55 gallon (one quart) limit was exceeded? [3745-52-34(C)(2)]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
<p><i>NOTE: The satellite accumulation area is limited to 55 gallons of hazardous waste accumulated from a distinct point of generation in the process under the control of the operator of the process generating the waste (less than 1 quart for acute hazardous waste). There could be individual waste streams accumulated in an area from different points of generation.</i></p>					
USE AND MANAGEMENT OF CONTAINERS IN <90 DAY ACCUMULATION AREAS					
45.		Has the generator marked containers with the words "Hazardous Waste"? [3745-52-34(A)(3)]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
46.		Is the accumulation date on each container? [3745-52-34(A)(2)]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
47.		Are hazardous wastes stored in containers which are:			
	a.	Closed (except when adding/removing wastes)? [3745-66-73(A)]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
	b.	In good condition? [3745-66-71]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
	c.	Compatible with wastes stored in them? [3745-66-72]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
	d.	Handled in a manner which prevents rupture/leakage? [3745-66-73(B)]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
<p><i>NOTE: Record location on process summary sheets, photograph the area, and record on facility map.</i></p>					
48.		Is the container accumulation areas(s) inspected weekly? [3745-66-74]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
	a.	Are inspections recorded in a log or summary? [3745-66-74]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
<p><i>NOTE: "Week" means 7 consecutive days per ORC§1.44(A).</i></p>					
49.		Are containers of ignitable or reactive wastes located at least 50 feet (15 meters) from the facility's property line? [3745-66-76]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
50.		Are containers of incompatible wastes stored separately from each other by means of a dike, berm, wall or other device? [3745-66-77(C)]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
51.		If the generator places incompatible wastes, or incompatible wastes and materials in the same container, is it done in accordance with 3745-65-17(B)? [3745-66-77(A)]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
52.		If the generator places hazardous waste in an unwashed container that previously held an incompatible waste, is it done in accordance with 3745-65-17(B)? [3745-66-77(B)]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
<p><i>NOTE: OAC 3745-65-17(B) requires that the generator treat, store, or dispose of ignitable or reactive waste, and the mixture or commingling of incompatible wastes, or incompatible wastes and materials so that it does not create undesirable conditions or threaten human health or the environment.</i></p>					
53.		If the generator has closed a <90 day accumulation area does the closure appear to have met the closure performance standard of 3745-66-11? [3745-52-34(A)(1)]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>

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NOTE: Please provide a description of the unit and documentation provided by the generator for the file to demonstrate that closure was completed in accordance with the closure performance standards. If the generator has closed a <90 day tank, closure must also be completed in accordance with OAC 3745-66-97 (except for paragraph C of this rule). [3745-52-34]

PRE-TRANSPORT REQUIREMENTS

54.	Does the generator package/label its hazardous waste in accordance with the applicable DOT regulations? [3745-52-30, 3745-52-31 and 3745-52-32(A)]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
55.	Does each container ≤119 gallons have a completed hazardous waste label? [3745-52-32(B)]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
56.	Before off-site transportation, does the generator placard or offer the appropriate DOT placards to the initial transporter? [3745-52-33]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>

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LARGE QUANTITY UNIVERSAL WASTE HANDLER REQUIREMENTS		
Large Quantity Universal Waste Handler (LQUWH) = 5,000 Kg or more		
Small Quantity Universal Waste Handler (SQUWH) = 5,000 Kg or less		
GENERAL REQUIREMENTS		
1.	Has the LQUWH obtained a U.S. EPA Identification number before exceeding 5,000 kg limit? [3745-273-32(A)(1)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
PROHIBITIONS		
2.	Did the LQUWH dispose of universal waste? [3745-273-31(A)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
3.	Did the LQUWH dilute or treat universal waste, except when responding to releases as provided in OAC rule 3745-273-37 or managing specific wastes as provided in OAC rule 3745-273-33? [3745-273-31(B)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
WASTE MANAGEMENT AND LABELING/MARKING		
UNIVERSAL WASTE BATTERIES		
4.	Are batteries that show evidence of leakage, spillage or damage that could cause leaks contained? [3745-273-33(A)(1)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
5.	If the batteries are contained, are the containers closed, structurally sound, compatible with the contents of the battery and lack evidence of leakage, spillage or damage that could cause leakage? [3745-273-33(A)(1)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
6.	Are the casings of the batteries breached, not intact, or open (except to remove the electrolyte)? [3745-273-33(A)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
7.	If the electrolyte is removed or other wastes generated, has it been determined whether the electrolyte or other wastes exhibit a characteristic of a hazardous waste? [3745-273-33(A)(3)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
a.	If the electrolyte or other waste is characteristic, is it managed in compliance with OAC Chapters 3745-50 through 3745-69? [3745-273-33(A)(3)(a)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
b.	If the electrolyte or other waste is not hazardous, is it managed in compliance with applicable law? [3745-273-33(A)(3)(b)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
8.	Are the batteries or containers of batteries labeled with the words "Universal Waste-Batteries" or "Waste Battery(ies)" or "Used Battery(ies)"? [3745-273-34(A)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
UNIVERSAL WASTE PESTICIDES		
9.	Does the LQUWH prevent releases to the environment by managing pesticides in containers that are closed, structurally sound, compatible with the pesticides, and lack evidence of leakage, spillage, or damage? [3745-273-33(B)(1)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input checked="" type="checkbox"/>
10.	If the original pesticide container is in poor condition, was it over-packed into an acceptable container? [3745-273-33(B)(2)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
11.	If the pesticide is stored in a tank, are the requirements of rules 3745-66-90 through 3745-66-101, except for paragraph (C) of 3745-66-97, of the OAC met? [3745-273-33(B)(3)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
12.	If pesticides are stored in a transport vehicle, is it closed, structurally sound, compatible with the pesticide(s), and does it lack evidence of leakage, spillage, or damage that could cause leakage? [3745-273-33(B)(4)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
13.	Are recalled universal waste pesticides that are in containers, tanks, or transport vehicles labeled with the label that was on or accompanied the product as sold or distributed and labeled with the words "Universal Waste-Pesticides" or "Waste Pesticides?" [3745-273-34(B)(1)&(2)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
14.	Are unused pesticide products that are in containers, tanks, or transport vehicles labeled with either the label that was on the product when purchased (if still legible), the appropriate DOT label, or the designated label prescribed by the pesticide collection program and labeled with the words "Universal Waste-Pesticides" or "Waste Pesticides?" [3745-273-34(C)(1)&(2)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

UNIVERSAL WASTE MERCURY-CONTAINING EQUIPMENT		
15.	Has mercury-containing equipment with non-contained elemental mercury or that shows evidence of leakage, spillage or damage that could cause leaks been placed in a container that is closed, structurally sound, compatible with contents of the device and lacks evidence of leakage, spillage or damage that could cause leakage and is designed to prevent escape of mercury into the environment by volatilization or any other means? [3745-273-33(C)(1)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
16.	If the mercury-containing ampules are removed, does the LQUWH: [3745-273-33(C)(2)]	
	a. Remove and manage the ampules in a manner to prevent breakage and is the removal done over or in a containment device? [3745-273-33(C)(2)(a)&(b)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	b. Have a clean-up system readily available to transfer spilled mercury to another container that meets the requirements of OAC rule 3745-52-34 and is the spilled mercury transferred immediately? [3745-273-33(C)(2)(c)&(d)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	c. Ensure that the area where ampules are removed is well ventilated and monitored in compliance with applicable OSHA exposure levels for mercury? [3745-273-33(C)(2)(e)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	d. Ensure that employees are thoroughly familiar with proper waste handling and emergency procedures? [3745-273-33(C)(2)(f)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	e. Ensure removed ampules are stored in closed, non-leaking containers that are in good condition? [3745-273-33(C)(2)(g)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	f. Pack removed ampules in containers with packing material to prevent breakage during storage, handling and transportation? [3745-273-33(C)(2)(h)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
17.	If the open original housing holding mercury is removed from a mercury-containing equipment that does not contain an ampule, does the LQUWH: [3745-273-33(C)(3)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	a. Immediately seal the original housing holding the mercury with an air-tight seal to prevent the release of any mercury to the environment? [3745-273-33(C)(3)(a)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	b. Follow all requirements for removing ampules and managing removed ampules in accordance with 3745-273-33(C)(2)? [3745-273-33(C)(3)(b)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
18.	When removing mercury containing ampules from mercury-containing equipment or sealing mercury from its original housing if there are mercury or clean-up residues resulting from spills or leaks, and/or other waste generated (e.g., remaining mercury-containing device), has it been determined whether those exhibit a characteristic of hazardous waste identified in OAC rules 3745-51-20 to 3745-51-24? [3745-273-33(C)(4)(a)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	a. If the residues, and/or wastes are characteristic, are they managed in compliance with Chapters 3745-50 through 3745-69, 3745-205, 3745-256, 3745-266, and 3745-270 of the Administrative Code? (The handler is considered the generator of the mercury, residues, and/or other waste and is subject to OAC Chapter 3745-52) [3745-273-33(C)(4)(b)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
19.	Is mercury-containing equipment or containers of mercury-containing equipment labelled either "Universal Waste-Mercury-Containing Equipment" or "Waste Mercury-Containing Equipment" or "Used Mercury-Containing Equipment"? [3745-237-34(D)(1)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
20.	Are mercury-containing thermostats or containers containing ONLY thermostats labeled either "Universal Waste-Mercury Thermostat(s)" or "Waste Mercury Thermostat(s)" or "Used Mercury Thermostat(s)"? [3745-273-34(D)(2)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

UNIVERSAL WASTE LAMPS		
21.	Does the LQUHW contain lamps in containers or packages that are structurally sound, adequate to prevent breakage, and compatible with contents of the lamps? Are containers or packages closed and do they lack evidence of leakage, spillage or damage that could cause leakage? [3745-273-33(D)(1)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
22.	Are lamps that show evidence of breakage, leakage or damage that could cause a release of mercury or hazardous constituents into the environment immediately cleaned up? Are they placed into a container that is closed, structurally sound, compatible with the contents of the lamps, and lack evidence of leakage, spillage or damage that could cause leakage or releases of mercury or hazardous constituents to the environment? [3745-273-33(D)(2)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
<p>NOTE: Treatment (such as crushing) by a UWH is prohibited under this rule unless the facility is permitted for such activities [3745-273-31(B)]. A generator crushing lamps must manage lamps according to hazardous waste rules (OAC Chapter 3745-52). Lamp crushing is a form of generator treatment (OAC rule 3745-52-34). Crushed lamps must be transported by a registered hazardous waste transporter to a permitted hazardous waste facility using a hazardous waste manifest.</p>		
23.	Are the lamps or containers or packages of lamps labeled with the words "Universal Waste-Lamp(s)" or "Waste Lamp(s)" or "Used Lamps?" [3745-273-34(E)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
ACCUMULATION TIME		
24.	Is the waste accumulated for less than one year? [3745-273-35(A)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
a.	If not, is the waste accumulated over one year in order to facilitate proper recovery, treatment or disposal? (Burden of proof is on the handler to demonstrate.) [3745-273-35(B)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
<p>NOTE: Accumulation is defined as date generated or date received from another handler.</p>		
25.	Is the handler able to demonstrate the length of time the universal waste has been accumulated? [3745-273-35(C)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
If yes, describe below:		
EMPLOYEE TRAINING		
26.	Are employees thoroughly familiar with universal waste handling/emergency procedures, relative to their responsibilities? [3745-273-36]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
RESPONSE TO RELEASES		
27.	Are releases of universal waste and other residues immediately contained? [3745-273-37(A)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
28.	Is the material released characterized? [3745-273-37(B)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
29.	If the material released is a hazardous waste, was it managed as required in OAC Chapters 3745-50 through 3745-69? (If the waste is hazardous, the handler is considered the generator of the waste and is subject to OAC Chapter 3745-52) [3745-273-37(B)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
OFF-SITE SHIPMENTS		
<p>NOTE: If a LQUWH self-transportes wastes, then the handler must comply with the Universal Waste transporter requirements.</p>		
30.	Are universal wastes sent to either another handler, destination facility or foreign destination? [3745-273-38(A)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
31.	Is the handler aware of DOT requirements for packaging and shipping?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

	If not, make aware of 40 CFR 171-180.		
32.	Prior to shipping universal waste off-site, does the originating handler ensure that the receiver agrees to receive the shipment? [3745-273-38(D)]		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
33.	Has the originating handler ever had an off-site shipment rejected by another handler or destination facility?		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
	a.	If yes, did the originating handler receive the waste back or agree to where shipment was sent? [3745-273-38(E)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
34.	If a handler rejects a partial or full load from another handler, does the receiving handler contact the originating handler to discuss and do <u>one</u> of the following:		Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	a.	Send the waste back to the originating handler or send the shipment to a destination facility (If both the originating and receiving handler agree)? [3745-273-38(F)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
35.	If the handler received a shipment of hazardous waste that was not a universal waste, did the LQUWH immediately notify Ohio EPA? [3745-273-38(G)]		Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
TRACKING UNIVERSAL WASTE SHIPMENTS			
36.	Are universal wastes received from another handler? If so:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
	a.	Is a record (log, invoice, manifest, bill of lading, or other shipping document) of each shipment kept? [3745-273-39(A)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
37.	Does the record include the following:		
	a.	Name and address of the originating handler or foreign shipper? [3745-273-39(A)(1)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	b.	Quantity of each type of universal waste? [3745-273-39(A)(2)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	c.	Date received? [3745-273-39(A)(3)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
38.	Is universal waste shipped to another handler? If so:		Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	a.	Is a record of each shipment kept? [3745-273-39(B)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
39.	Does the record include the following?		
	a.	Name and address of universal waste handler, destination facility, or foreign destination? [3745-273-39(B)(1)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	b.	Quantity of each type of universal waste? [3745-273-39(B)(2)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	c.	Date shipped? [3745-273-39(B)(3)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
40.	Are records kept for three years? [3745-273-39(C)(1)&(2)]		Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EXPORTS			
41.	Is waste being sent to a foreign destination? If so:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
	a.	Does the large quantity handler comply with primary exporter requirements in OAC rules 3745-52-53, 3745-52-56 and 3745-52-57? [3745-273-40(A)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	b.	Is waste exported only upon consent of the receiving country and in conformance with the U.S. EPA "Acknowledgment of Consent" as defined in OAC rules 3745-52-50 to 3745-52-57? [3745-273-40(B)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	c.	Is a copy of the U.S. EPA "Acknowledgment of Consent" provided to the transporter? [3745-273-40(C)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

LARGE QUANTITY UNIVERSAL WASTE HANDLER REQUIREMENTS – BATTERIES AND LAMPS		
Large Quantity Universal Waste Handler (LQUWH) = 5,000 Kg or more		
Small Quantity Universal Waste Handler (SQUWH) = 5,000 Kg or less		
GENERAL REQUIREMENTS		
1.	Has the LQUWH obtained a U.S. EPA Identification number before exceeding 5,000 kg limit? [3745-273-32(A)(1)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
PROHIBITIONS		
2.	Did the LQUWH dispose of universal waste? [3745-273-31(A)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
3.	Did the LQUWH dilute or treat universal waste, except when responding to releases as provided in OAC rule 3745-273-37 or managing specific wastes as provided in OAC rule 3745-273-33? [3745-273-31(B)] (this change makes it like the SQUWH checklist)	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
WASTE MANAGEMENT AND LABELING/MARKING		
UNIVERSAL WASTE BATTERIES		
4.	Are batteries that show evidence of leakage, spillage or damage that could cause leaks contained? [3745-273-33(A)(1)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
5.	If the batteries are contained, are the containers closed, structurally sound, compatible with the contents of the battery and lack evidence of leakage, spillage or damage that could cause leakage? [3745-273-33(A)(1)] (Added rule #)	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
6.	Are the casings of the batteries breached, not intact, or open (except to remove the electrolyte)? [3745-273-33(A)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
7.	If the electrolyte is removed or other wastes generated, has it been determined whether the electrolyte or other wastes exhibit a characteristic of a hazardous waste? [3745-273-33(A)(3)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
a.	If the electrolyte or other waste is characteristic, is it managed in compliance with OAC Chapters 3745-50 through 3745-69? [3745-273-33(A)(3)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
b.	If the electrolyte or other waste is not hazardous, is it managed in compliance with applicable law? [3745-273-33(A)(3)(b)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
8.	Are the batteries or containers of batteries labeled with the words "Universal Waste - Batteries" or "Waste Battery(ies)" or "Used Battery(ies)"? [3745-273-34(A)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
UNIVERSAL WASTE LAMPS		
9.	Does the LQUWH contain lamps in containers or packages that are structurally sound, adequate to prevent breakage, and compatible with contents of the lamps? Are containers or packages <u>closed</u> and do they lack evidence of leakage, spillage or damage that could cause leakage? [3745-273-33(D)(1)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> <i>add to 847</i>
10.	Are lamps that show evidence of breakage, leakage or damage that could cause a release of mercury or hazardous constituents into the environment immediately cleaned up? Are they placed into a container that is closed, structurally sound, compatible with the contents of the lamps, and lack evidence of leakage, spillage or damage that could cause leakage or releases of mercury or hazardous constituents to the environment? [3745-273-33(D)(2)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
<p>NOTE: Treatment (such as crushing) by a UWH is prohibited under this rule unless the facility is permitted for such activities [3745-273-31(B)]. A generator crushing lamps must manage lamps according to hazardous waste rules (OAC Chapter 3745-52). Lamp crushing is a form of generator treatment (OAC rule 3745-52-34). Crushed lamps must be transported by a registered hazardous waste transporter to a permitted hazardous waste facility using a hazardous waste manifest.</p>		
11.	Are the lamps or containers or packages of lamps labeled with the words "Universal Waste - Lamp(s)" or "Waste Lamp(s)" or "Used Lamps?" [3745-273-34(E)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

ACCUMULATION TIME		
12.	Is the waste accumulated for less than one year? [3745-273-35(A)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
a.	If not, is the waste accumulated over one year in order to facilitate proper recovery, treatment or disposal? (Burden of proof is on the handler to demonstrate) [3745-273-35(B)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
<i>NOTE: Accumulation is defined as date generated or date received from another handler.</i>		
13.	Is the handler able to demonstrate the length of time the universal waste has been accumulated? [3745-273-35(C)] If yes, describe below:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EMPLOYEE TRAINING		
14.	Are employees thoroughly familiar with universal waste handling/emergency procedures, relative to their responsibilities? [3745-273-36]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
RESPONSE TO RELEASES		
15.	Are releases of universal waste and other residues immediately contained? [3745-273-37(A)] (This now mirrors SQUWH checklist)	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
16.	Is the material released characterized? [3745-273-37(B)] (This now mirrors SQUWH checklist)	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
17.	If the material released is a hazardous waste, was it managed as required in OAC Chapters 3745-50 through 3745-69? (If the waste is hazardous, the handler is considered the generator of the waste and is subject to OAC Chapter 3745-52) [3745-273-37(C)] (This now mirrors SQUWH checklist)	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
OFF-SITE SHIPMENTS		
<i>NOTE: If a LQUWH self-transportes wastes, then the handler must comply with the Universal Waste transporter requirements.</i>		
18.	Are universal wastes sent to either another handler, destination facility or foreign destination? [3745-273-38(A)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
19.	Is the handler aware of DOT requirements for packaging and shipping? If not, make aware of 40 CFR 171-180.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
20.	Prior to shipping universal waste off-site, does the originating handler ensure that the receiver agrees to receive the shipment? [3745-273-38(D)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
21.	Has the originating handler ever had an off-site shipment rejected by another handler or destination facility?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
a.	If yes, did the originating handler receive the waste back or agree to where shipment was sent? [3745-273-38(E)(2)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
22.	If a handler rejects a partial or full load from another handler, does the receiving handler contact the originating handler to discuss and do <u>one of the following</u> : (This now mirrors SQUWH checklist)	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
a.	Send the waste back to the originating handler or send the shipment to a destination facility (If both the originating and receiving handler agree)? [3745-273-38(F)(2)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
23.	If the handler received a shipment of hazardous waste that was not a universal waste, did the LQUWH immediately notify Ohio EPA? [3745-273-38(G)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
TRACKING UNIVERSAL WASTE SHIPMENTS		
24.	Are universal wastes received from another handler? If so:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>

	a.	Is a record (log, invoice, manifest, bill of lading, or other shipping document) of each shipment kept? [3745-273-39(A)]	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
25.	Does the record include the following:				
	a.	Name and address of the originating handler or foreign shipper? [3745-273-39(A)(1)]	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
	b.	Quantity of each type of universal waste? [3745-273-39(A)(2)]	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
	c.	Date received? [3745-273-39(A)(3)]	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
26.	Is universal waste shipped to another handler? If so:		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
	a.	Is a record of each shipment kept? [3745-273-39(B)]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
27.	Does the record include the following?				
	a.	Name and address of universal waste handler, destination facility, or foreign destination? [3745-273-39(B)(1)]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
	b.	Quantity of each type of universal waste? [3745-273-39(B)(2)]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
	c.	Date shipped? [3745-273-39(B)(3)]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
28.	Are records kept for three years? [3745-273-39(C)(1)&(2)]		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
EXPORTS					
29.	Is waste being sent to a foreign destination? If so:		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
	a.	Does the large quantity handler comply with primary exporter requirements in OAC rules 3745-52-53, 3745-52-56 and 3745-52-57? [3745-273-40(A)]	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
	b.	Is waste exported only upon consent of the receiving country and in conformance with the U.S. EPA "Acknowledgment of Consent" as defined in OAC rules 3745-52-50 to 3745-52-57? [3745-273-40(B)]	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
	c.	Is a copy of the U.S. EPA "Acknowledgment of Consent" provided to the transporter? [3745-273-40(C)]	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>

OAC 3745-266-80 SPENT LEAD ACID BATTERIES BEING RECLAIMED

1.	Has the handler of reclaimed batteries notified Ohio EPA or US EPA of regulated waste activity?		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
2.	Are the handler's batteries reclaimed through regeneration (such as by electrolyte replacement)?		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
<i>NOTE: If yes, the handler is subject to OAC Chapter 3745-51 and OAC rule 3745-52-11</i>					
3.	Are the handler's batteries reclaimed other than through regeneration?		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
	a.	If yes, does the handler:			
	i.	Generate, collect, and/or transport these batteries?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
	ii.	Store these batteries but is not the reclaimer?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
	iii.	Store these batteries before reclaiming them?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
	iv.	Not store these batteries before reclaiming them?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
<i>NOTE: If the answer to any question 3ai through 3aiv is "yes", the handler is subject to OAC Chapters 3745-51 and 3745-270, and OAC rule 3745-52-11. If the handler stores batteries before reclaiming them, the handler is subject to permitting requirement (e.g., general or interim standard facilities), unless when it meets the conditions in question 4 below. Complete other appropriate checklists (e.g., LDR, TSD).</i>					
4.	If the handler that does NOT have a permit and that reclaims batteries received from off-site other than through regeneration, does the handler:				
	a.	Store the batteries less than 72 hours prior to entering them into the reclaiming process?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
	b.	Comply with the applicable requirements in 3745-51-06(C)(3) to (C)(3)(b)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
5.	Has the handler adequately evaluated all waste generated at their facility?		Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>

[Facility Name/Inspection Date]

[ID Number]

Spent Lead Acid Batteries Checklist/September 2010

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USED OIL INSPECTION CHECKLIST GENERATORS, COLLECTION CENTERS AND AGGREGATION POINTS		
NOTE: A facility is subject to the federal SPCC regulations (40 CFR 112) if it is non-transportation related (e.g., fixed) and has an aggregate above ground storage capacity greater than 1,320 gallons or a total underground storage capacity greater than 42,000 gallons of oil (including used oil), and there is reasonable expectation of a discharge to navigable waters.		
PROHIBITIONS		
1.	Does the generator manage used oil in a surface impoundment or waste pile? If yes:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
a.	Is the surface impoundment or waste pile regulated as a hazardous waste management unit? [3745-279-12(A)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
NOTE: For example, used oil contaminated scrap metal stored in a pile.		
2.	Is used oil used as a dust suppressant? [3745-279-12(B)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
3.	Is off-specification used oil fuel burned for energy recovery in devices specified in 3745-279-12(C)?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
NOTE: Multiple used oil checklists may be applicable if used oil handler is performing multiple tasks (e.g., If generating used oil and shipping directly to a burner, complete generator and marketer checklists at a minimum).		
GENERATOR STANDARDS		
4.	Does the generator mix hazardous waste with used oil? If so,	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
a.	Is the mixture managed as specified in 3745-279-10(B)? [3745-279-21(A)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
NOTE: Used Oil mixed with listed (3745-51-30 to 3745-51-35) or characteristic (3745-51-20 to 3745-51-24) hazardous waste are subject to regulation as a hazardous waste, <u>unless</u> the listed hazardous waste is listed solely because it exhibits a hazardous characteristic, and the resultant mixtures do not exhibit a characteristic. Mixtures of used oil and CESQG hazardous waste are subject to OAC Chapter 3745-279.		
5.	Does the generator of a used oil containing greater than 1,000 ppm total halogens manage the used oil as a hazardous waste unless the presumption is rebutted successfully? [3745-279-21(B)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
NOTE: If used oil contains greater than 1000 ppm total halogens, it is presumed to be listed hazardous waste until the presumption is successfully rebutted.		
6.	Does the generator store used oil in tanks; or containers; or a unit(s) subject to regulation as a hazardous waste management unit? [3745-279-22(A)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
7.	Are containers and aboveground tanks used to store used oil in good condition with no visible leaks? [3745-279-22(B)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
8.	Are containers, above ground tanks, and fill pipes used for underground tanks clearly labeled or marked "Used Oil"? [3745-279-22(C)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> <i>3142 K-700</i>
9.	Has the generator, upon detection of a release of used oil, done the following: [3745-279-22(D)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
a.	Stopped the release?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
b.	Contained the release?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
c.	Cleaned up and properly managed the used oil and other materials?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
d.	Repaired or replaced the containers or tanks prior to returning them to service, if necessary?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
ON-SITE BURNING IN SPACE HEATER		
10.	Does the generator burn used oil in used-oil fired space heaters? [3745-279-23] If so:	
a.	Does the heater burn only used oil that owner/operator generates or used oil received from household do-it-yourself (DIY) used oil generators?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>

b.	Is the heater designed to have a maximum capacity of not more than 0.5 million BTU per hour?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
c.	Are the combustion gases from heater vented to the ambient air?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>

NOTE: Ash accumulated in a space heater must be managed in accordance with 3745-279-10(E).

GENERATOR TRANSPORTATION

11.	Does the generator have the used oil hauled only by transporters that have obtained a U.S. EPA ID#? [3745-279-24]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
12.	If the generator self-transported used oil to an approved collection site or to an aggregation point owned by the generator: [3745-279-24]	
a.	Does the generator transport used oil in a vehicle owned by the generator or an employee of the generator? [3745-279-24]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
b.	Does the generator transport more than 55 gallons of used oil at any time? [3745-279-24]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>

NOTE: Used oil generators may arrange for used oil to be transported by a transporter without a U.S. EPA ID # if the used oil is reclaimed under a contractual agreement (i.e., tolling arrangement).

COLLECTION CENTERS AND AGGREGATION POINTS

13.	Is the DIY used oil collection center in compliance with the generator standards in 3745-279-20 to 3745-279-24? [3745-279-30]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
14.	Is the non-DIY used oil collection center registered with Ohio EPA? [3745-279-31]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
15.	Is the used oil aggregation point in compliance with the generator standards in 3745-279-20 to 3745-279-24? [3745-279-32]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>

NOTE: Complete Used Oil Generator and any other applicable used oil handler checklist (e.g., marketer, burner, etc.) for used oil collection centers and aggregation points.